

Republik Indonesia
Badan Pusat Statistik Propinsi Jawa Tengah

Proyeksi Penduduk Menurut Kabupaten/Kota Dan Jenis Kelamin (000)
Population Projection By Sex And Regency/Municipality (000)

Kabupaten/Kota <i>Regency/Municipality</i>	2001	2002	2003	2004	2005
<i>Kab/Regency</i>					
1. Cilacap	1.618,6	1.632,4	1.646,0	1.659,5	1.673,0
2. Banyumas	1.445,2	1.455,4	1.465,6	1.475,6	1.485,5
3. Purbalingga	783,9	789,4	794,8	800,1	805,4
4. Banjarnegara	863,0	872,4	881,9	891,3	900,7
5. Kebumen	1.182,7	1.189,4	1.196,0	1.202,5	1.208,9
6. Purworejo	716,6	718,7	720,7	722,6	724,4
7. Wonosobo	721,4	727,3	733,1	738,9	744,6
8. Magelang	1.075,9	1.082,4	1.088,8	1.095,1	1.101,3
9. Boyolali	885,7	890,3	894,8	899,2	903,5
10. Klaten	1.129,6	1.134,6	1.139,5	1.144,2	1.148,8
11. Sukoharjo	766,3	775,9	785,6	795,3	805,0
12. Wonogiri	1.001,6	1.006,4	1.011,1	1.015,7	1.020,1
13. Karanganyar	787,5	796,7	806,0	815,3	824,5
14. Sragen	870,7	875,7	880,6	885,1	890,1
15. Grobogan	1.274,7	1.287,8	1.300,9	1.314,0	1.327,0
16. Blora	822,6	828,5	834,3	840,1	845,8
17. Rembang	582,7	589,9	597,2	604,5	611,7
18. Pati	1.126,4	1.133,2	1.139,8	1.146,3	1.152,8
19. Kudus	730,3	740,5	750,8	761,2	771,5
20. Jepara	959,1	972,7	986,4	1.000,1	1.013,9
21. Demak	990,6	1.008,0	1.025,7	1.043,5	1.061,5
22. Semarang	849,6	856,3	862,9	869,5	876,0
23. Temanggung	667,8	673,2	678,5	683,8	689,0
24. Kendal	887,7	896,9	906,1	915,2	924,3
25. Batang	645,1	650,8	656,3	661,8	667,3
26. Pekalongan	752,3	757,8	763,3	768,7	774,1
27. Pemalang	1.291,5	1.309,9	1.328,3	1.346,9	1.365,4
28. Tegal	1.363,2	1.376,1	1.389,0	1.401,7	1.414,4
29. Brebes	1.803,8	1.833,4	1.862,8	1.892,8	1.922,6
<i>Kota/Municipality</i>					
30. Magelang	126,8	127,3	127,7	128,1	128,5
31. Surakarta	542,2	546,2	550,3	554,2	558,1
32. Salatiga	108,8	109,9	111,0	112,1	113,2
33. Semarang	1.502,6	1.529,1	1.555,7	1.582,6	1.609,8
34. Pekalongan	460,5	488,1	517,3	548,1	580,8
35. Tegal	392,9	412,7	433,4	455,0	477,7
Jawa Tengah	31.729,9	32.075,3	32.422,2	32.770,9	33.121,2

Sumber: Badan Pusat Statistik Propinsi Jawa Tengah
Source: BPS Jawa Tengah Provincial Office

Lampiran A. Data jumlah penduduk

Menurut Badan Pusat Statistik Propinsi Jawa Tengah, jumlah penduduk Kabupaten Sukoharjo untuk tahun 2006, dapat diperkirakan menurut hitungan sebagai berikut:

Populasi pertumbuhan penduduk:

$$\text{Tahun 2001 dan 2002} = \left(\frac{775.900 - 766.300}{766.300} \right) \times 100\% = 1,25 \%$$

$$\text{Tahun 2002 dan 2003} = \left(\frac{785.600 - 775.900}{775.900} \right) \times 100\% = 1,25 \%$$

$$\text{Tahun 2003 dan 2004} = \left(\frac{795.300 - 785.600}{785.600} \right) \times 100\% = 1,23 \%$$

$$\text{Tahun 2004 dan 2005} = \left(\frac{805.000 - 795.300}{795.300} \right) \times 100\% = 1,22 \%$$

$$\begin{aligned} \text{Rata-rata populasi pertumbuhan penduduk} &= \frac{1,25\% + 1,25\% + 1,23\% + 1,22\%}{4} \\ &= \frac{4,95\%}{4} = 1,24 \% \end{aligned}$$

$$\begin{aligned} \text{Jumlah penduduk tahun 2006} &= (1,24 \% \times 805.000) + 805.000 \\ &= 814.982 \text{ jiwa.} \end{aligned}$$

Lampiran B.1. Volume lalu lintas

Hari : Minggu, 11 Juni 2006

Surveyor : Aris, Warsito, Budi R, Agung.

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

No.	Pukul	Volume lalu lintas (kendaraan/15')								Volume lalu lintas (smp/15')						Total volume lalu lintas	Volume lalu lintas	Total volume lalu lintas	Volume lalu lintas
		Arah ke Wonogiri			UM	Arah ke Solo			UM	Arah ke Wonogiri			Arah ke Solo			(smp/15')	(smp/jam)	(smp/15')	(smp/jam)
		HV	LV	MC		HV	LV	MC		HV	LV	MC	HV	LV	MC	Arah ke Wonogiri	Arah ke Wonogiri	Arah ke Solo	Arah ke Solo
		(1)	(2)	(3)		(4)	(5)	(6)		(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=		(17)=	
										[(1)x1,3]	[(2)x1,0]	[(3)x0,4]	[(4)x1,3]	[(5)x1,0]	[(6)x0,4]	(10)+(11)+(12)		(13)+(14)+(15)	
1	06.00-06.15	-	13	112	17	-	20	79	23	0,00	13,00	44,80	0,00	20,00	31,60	57,80	-	51,60	-
2	06.15-06.30	-	10	55	12	-	37	96	27	0,00	10,00	22,00	0,00	37,00	38,40	32,00	-	75,40	-
3	06.30-06.45	-	45	115	15	-	36	125	15	0,00	45,00	46,00	0,00	36,00	50,00	91,00	-	86,00	-
4	06.45-07.00	-	27	125	9	-	28	139	8	0,00	27,00	50,00	0,00	28,00	55,60	77,00	257,80	83,60	296,60
5	07.00-07.15	-	50	145	19	-	26	105	3	0,00	50,00	58,00	0,00	26,00	42,00	108,00	308,00	68,00	313,00
6	07.15-07.30	-	50	253	20	-	28	100	24	0,00	50,00	101,20	0,00	28,00	40,00	151,20	427,20	68,00	305,60
7	07.30-07.45	-	45	170	9	-	27	109	7	0,00	45,00	68,00	0,00	27,00	43,60	113,00	449,20	70,60	290,20
8	07.45-08.00	-	70	116	12	3	62	147	30	0,00	70,00	46,40	3,90	62,00	58,80	116,40	488,60	124,70	331,30
9	08.00-08.15	1	70	202	20	-	48	124	23	1,30	70,00	80,80	0,00	48,00	49,60	152,10	532,70	97,60	360,90
10	08.15-08.30	-	97	207	16	1	38	112	23	0,00	97,00	82,80	1,30	38,00	44,80	179,80	561,30	84,10	377,00
11	08.30-08.45	-	68	196	19	-	57	120	16	0,00	68,00	78,40	0,00	57,00	48,00	146,40	594,70	105,00	411,40
12	08.45-09.00	-	75	139	14	-	50	119	13	0,00	75,00	55,60	0,00	50,00	47,60	130,60	608,90	97,60	384,30
13	09.00-09.15	-	61	116	11	-	50	93	14	0,00	61,00	46,40	0,00	50,00	37,20	107,40	564,20	87,20	373,90
14	09.15-09.30	-	66	152	4	-	71	130	23	0,00	66,00	60,80	0,00	71,00	52,00	126,80	511,20	123,00	412,80
15	09.30-09.45	-	24	194	5	-	71	110	14	0,00	24,00	77,60	0,00	71,00	44,00	101,60	466,40	115,00	422,80
16	09.45-10.00	1	64	207	10	-	60	138	29	1,30	64,00	82,80	0,00	60,00	55,20	148,10	483,90	115,20	440,40
17	14.00-14.15	-	58	122	9	-	29	68	4	0,00	58,00	48,80	0,00	29,00	27,20	106,80	-	56,20	-
18	14.15-14.30	1	74	143	9	-	50	118	9	1,30	74,00	57,20	0,00	50,00	47,20	132,50	-	97,20	-
19	14.30-14.45	-	64	165	1	-	51	120	5	0,00	64,00	66,00	0,00	51,00	48,00	130,00	-	99,00	-
20	14.45-15.00	-	82	145	11	-	62	112	11	0,00	82,00	58,00	0,00	62,00	44,80	140,00	509,30	106,80	359,20
21	15.00-15.15	-	65	77	2	-	47	122	5	0,00	65,00	30,80	0,00	47,00	48,80	95,80	498,30	95,80	398,80
22	15.15-15.30	1	65	207	8	-	50	135	10	1,30	65,00	82,80	0,00	50,00	54,00	149,10	514,90	104,00	405,60
23	15.30-15.45	-	65	208	2	2	38	130	13	0,00	65,00	83,20	2,60	38,00	52,00	148,20	533,10	92,60	399,20
24	15.45-16.00	-	61	156	-	1	37	150	9	0,00	61,00	62,40	1,30	37,00	60,00	123,40	516,50	98,30	390,70

Lampiran B.2. Volume lalu lintas

Hari : Senin, 12 Juni 2006
 Surveyor : Aris, Warsito, Budi R, Agung.
 Arah arus : Solo-Wonogiri dan Wonogiri-Solo

No.	Pukul	Volume lalulintas (kendaraan/15')								Volume lalulintas (smp/15')						Total volume lalulintas	Volume lalulintas	Total volume lalulintas	Volume lalulintas
		Arah ke Wonogiri				Arah ke Solo				Arah ke Wonogiri			Arah ke Solo			(smp/15')	(smp/jam)	(smp/15')	(smp/jam)
		HV	LV	MC	UM	HV	LV	MC	UM	HV	LV	MC	HV	LV	MC	Arah ke Wonogiri	Arah ke Wonogiri	Arah ke Solo	Arah ke Solo
		(1)	(2)	(3)		(4)	(5)	(6)		(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=		(17)=	
										[(1)x1,2]	[(2)x1,0]	[(3)x0,25]	[(4)x1,2]	[(5)x1,0]	[(6)x0,25]	(10)+(11)+(12)		(13)+(14)+(15)	
1	06.00-06.15	-	56	198	30	-	64	195	21	0,00	56,00	49,50	0,00	64,00	48,75	105,50	-	112,75	-
2	06.15-06.30	-	68	210	24	-	75	225	15	0,00	68,00	52,50	0,00	75,00	56,25	120,50	-	131,25	-
3	06.30-06.45	-	61	127	18	-	90	345	21	0,00	61,00	31,75	0,00	90,00	86,25	92,75	-	176,25	-
4	06.45-07.00	1	97	219	16	-	73	580	10	1,20	97,00	54,75	0,00	73,00	145,00	152,95	471,70	218,00	638,25
5	07.00-07.15	-	92	247	7	-	71	376	12	0,00	92,00	61,75	0,00	71,00	94,00	153,75	519,95	165,00	690,50
6	07.15-07.30	-	23	263	14	-	40	327	11	0,00	23,00	65,75	0,00	40,00	81,75	88,75	488,20	121,75	681,00
7	07.30-07.45	-	64	172	13	-	67	356	11	0,00	64,00	43,00	0,00	67,00	89,00	107,00	502,45	156,00	660,75
8	07.45-08.00	-	90	195	27	1	63	312	19	0,00	90,00	48,75	1,20	63,00	78,00	138,75	488,25	142,20	584,95
9	08.00-08.15	2	61	88	16	-	40	337	10	2,40	61,00	22,00	0,00	40,00	84,25	85,40	419,90	124,25	544,20
10	08.15-08.30	-	95	172	16	-	74	350	8	0,00	95,00	43,00	0,00	74,00	87,50	138,00	469,15	161,50	583,95
11	08.30-08.45	-	82	200	15	6	66	327	15	0,00	82,00	50,00	7,20	66,00	81,75	132,00	494,15	154,95	582,90
12	08.45-09.00	-	84	177	18	1	67	234	21	0,00	84,00	44,25	1,20	67,00	58,50	128,25	483,65	126,70	567,40
13	09.00-09.15	-	103	158	8	-	57	208	29	0,00	103,00	39,50	0,00	57,00	52,00	142,50	540,75	109,00	552,15
14	09.15-09.30	-	95	104	17	-	49	215	10	0,00	95,00	26,00	0,00	49,00	53,75	121,00	523,75	102,75	493,40
15	09.30-09.45	-	65	113	15	3	38	229	19	0,00	65,00	28,25	3,60	38,00	57,25	93,25	485,00	98,85	437,30
16	09.45-10.00	-	57	112	16	-	52	154	9	0,00	57,00	28,00	0,00	52,00	38,50	85,00	441,75	90,50	401,10
17	14.00-14.15	1	76	72	12	-	35	217	4	1,20	76,00	18,00	0,00	35,00	54,25	95,20	-	89,25	-
18	14.15-14.30	1	99	117	15	1	38	240	4	1,20	99,00	29,25	1,20	38,00	60,00	129,45	-	99,20	-
19	14.30-14.45	-	110	118	11	-	69	143	10	0,00	110,00	29,50	0,00	69,00	35,75	139,50	-	104,75	-
20	14.45-15.00	-	87	168	8	-	40	124	9	0,00	87,00	42,00	0,00	40,00	31,00	129,00	493,15	71,00	364,20
21	15.00-15.15	-	96	205	9	-	60	82	10	0,00	96,00	51,25	0,00	60,00	20,50	147,25	545,20	80,50	355,45
22	15.15-15.30	-	86	88	12	-	62	93	15	0,00	86,00	22,00	0,00	62,00	23,25	108,00	523,75	85,25	341,50
23	15.30-15.45	-	73	153	6	1	40	80	5	0,00	73,00	38,25	1,20	40,00	20,00	111,25	495,50	61,20	297,95
24	15.45-16.00	-	88	208	12	-	42	110	7	0,00	88,00	52,00	0,00	42,00	27,50	140,00	506,50	69,50	296,45

Lampiran B.3. Volume lalu lintas

Hari : Selasa, 29 Agustus 2006

Surveyor : Widi, Krisna, Muna, Nino.
Arah arus : Solo-Wonogiri dan Wonogiri-Solo

No.	Pukul	Volume lalulintas (kendaraan/15')								Volume lalulintas (smp/15')						Total volume lalulintas	Volume lalulintas	Total volume lalulintas	Volume lalulintas
		Arah ke Wonogiri				Arah ke Solo				Arah ke Wonogiri			Arah ke Solo			(smp/15')	(smp/jam)	(smp/15')	(smp/jam)
		HV	LV	MC	UM	HV	LV	MC	UM	HV	LV	MC	HV	LV	MC	Arah ke Wonogiri	Arah ke Wonogiri	Arah ke Solo	Arah ke Solo
		(1)	(2)	(3)		(4)	(5)	(6)		(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=		(17)=	
										[(1)x1,2]	[(2)x1,0]	[(3)x0,25]	[(4)x1,2]	[(5)x1,0]	[(6)x0,25]	(10)+(11)+(12)		(13)+(14)+(15)	
1	06.00-06.15	-	22	62	5	-	16	58	1	0,00	22,00	15,50	0,00	16,00	14,50	37,50	-	30,50	-
2	06.15-06.30	-	47	156	8	-	46	190	15	0,00	47,00	39,00	0,00	46,00	47,50	86,00	-	93,50	-
3	06.30-06.45	-	60	243	28	-	64	362	21	0,00	60,00	60,75	0,00	64,00	90,50	120,75	-	154,50	-
4	06.45-07.00	-	90	377	33	-	72	376	23	0,00	90,00	94,25	0,00	72,00	94,00	184,25	428,50	166,00	444,50
5	07.00-07.15	-	70	330	12	-	60	208	21	0,00	70,00	82,50	0,00	60,00	52,00	152,50	543,50	112,00	526,00
6	07.15-07.30	-	78	348	32	-	48	251	18	0,00	78,00	87,00	0,00	48,00	62,75	165,00	622,50	110,75	543,25
7	07.30-07.45	-	60	296	25	-	70	245	23	0,00	60,00	74,00	0,00	70,00	61,25	134,00	635,75	131,25	520,00
8	07.45-08.00	-	62	167	23	-	64	301	19	0,00	62,00	41,75	0,00	64,00	75,25	103,75	555,25	139,25	493,25
9	08.00-08.15	-	89	264	21	-	57	278	19	0,00	89,00	66,00	0,00	57,00	69,50	155,00	557,75	126,50	507,75
10	08.15-08.30	-	88	230	19	-	76	248	8	0,00	88,00	57,50	0,00	76,00	62,00	145,50	538,25	138,00	535,00
11	08.30-08.45	-	95	220	15	-	59	270	5	0,00	95,00	55,00	0,00	59,00	67,50	150,00	554,25	126,50	530,25
12	08.45-09.00	-	90	219	21	-	75	249	14	0,00	90,00	54,75	0,00	75,00	62,25	144,75	595,25	137,25	528,25
13	09.00-09.15	-	101	205	17	-	69	209	7	0,00	101,00	51,25	0,00	69,00	52,25	152,25	592,50	121,25	523,00
14	09.15-09.30	-	106	224	12	-	106	234	8	0,00	106,00	56,00	0,00	106,00	58,50	162,00	609,00	164,50	549,50
15	09.30-09.45	-	110	226	25	-	78	212	11	0,00	110,00	56,50	0,00	78,00	53,00	166,50	625,50	131,00	554,00
16	09.45-10.00	-	105	213	12	-	76	216	1	0,00	105,00	53,25	0,00	76,00	54,00	158,25	639,00	130,00	546,75
17	14.00-14.15	-	82	320	11	-	35	256	-	0,00	82,00	80,00	0,00	35,00	64,00	162,00	-	99,00	-
18	14.15-14.30	-	84	278	7	-	38	233	19	0,00	84,00	69,50	0,00	38,00	58,25	153,50	-	96,25	-
19	14.30-14.45	-	98	269	18	-	69	196	16	0,00	98,00	67,25	0,00	69,00	49,00	165,25	-	118,00	-
20	14.45-15.00	-	106	224	8	-	40	176	6	0,00	106,00	56,00	0,00	40,00	44,00	162,00	642,75	84,00	397,25
21	15.00-15.15	-	102	257	16	-	60	226	6	0,00	102,00	64,25	0,00	60,00	56,50	166,25	647,00	116,50	414,75
22	15.15-15.30	-	75	290	14	-	62	220	12	0,00	75,00	72,50	0,00	62,00	55,00	147,50	641,00	117,00	435,50
23	15.30-15.45	-	74	241	11	-	40	174	8	0,00	74,00	60,25	0,00	40,00	43,50	134,25	610,00	83,50	401,00
24	15.45-16.00	-	81	252	13	-	42	176	25	0,00	81,00	63,00	0,00	42,00	44,00	144,00	592,00	86,00	403,00

Lampiran B.4. Volume lalu lintas

Hari : Sabtu, 2 September 2006
Surveyor : Ika, Bagus, Muna, Heri C.

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

No.	Pukul	Volume lalu lintas (kendaraan/15')								Volume lalu lintas (smp/15')						Total volume lalu lintas	Volume lalu lintas	Total volume lalu lintas	Volume lalu lintas
		Arah ke Wonogiri			UM	Arah ke Solo			UM	Arah ke Wonogiri			Arah ke Solo			(smp/15')	(smp/jam)	(smp/15')	(smp/jam)
		HV	LV	MC		HV	LV	MC		HV	LV	MC	HV	LV	MC	Arah ke Wonogiri	Arah ke Wonogiri	Arah ke Solo	Arah ke Solo
		(1)	(2)	(3)		(4)	(5)	(6)		(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=		(17)=	
										[(1)x1,2]	[(2)x1,0]	[(3)x0,25]	[(4)x1,2]	[(5)x1,0]	[(6)x0,25]	(10)+(11)+(12)		(13)+(14)+(15)	
1	06.00-06.15	-	44	149	19	1	38	107	11	0,00	44,00	37,25	1,20	38,00	26,75	81,25	-	65,95	-
2	06.15-06.30	-	54	207	24	-	46	164	5	0,00	54,00	51,75	0,00	46,00	41,00	105,75	-	87,00	-
3	06.30-06.45	2	81	291	24	-	61	390	19	2,40	81,00	72,75	0,00	61,00	97,50	156,15	-	158,50	-
4	06.45-07.00	-	108	335	17	-	81	281	13	0,00	108,00	83,75	0,00	81,00	70,25	191,75	534,90	151,25	462,70
5	07.00-07.15	-	84	267	17	-	62	214	40	0,00	84,00	66,75	0,00	62,00	53,50	150,75	604,40	115,50	512,25
6	07.15-07.30	-	74	313	13	-	75	254	11	0,00	74,00	78,25	0,00	75,00	63,50	152,25	650,90	138,50	563,75
7	07.30-07.45	-	59	300	19	-	58	218	7	0,00	59,00	75,00	0,00	58,00	54,50	134,00	628,75	112,50	517,75
8	07.45-08.00	-	84	275	16	-	77	209	5	0,00	84,00	68,75	0,00	77,00	52,25	152,75	589,75	129,25	495,75
9	08.00-08.15	-	88	253	14	-	69	206	5	0,00	88,00	63,25	0,00	69,00	51,50	151,25	590,25	120,50	500,75
10	08.15-08.30	-	74	222	21	-	68	236	5	0,00	74,00	55,50	0,00	68,00	59,00	129,50	567,50	127,00	489,25
11	08.30-08.45	-	93	292	19	-	87	213	7	0,00	93,00	73,00	0,00	87,00	53,25	166,00	599,50	140,25	517,00
12	08.45-09.00	-	101	266	9	-	96	153	3	0,00	101,00	66,50	0,00	96,00	38,25	167,50	614,25	134,25	522,00
13	09.00-09.15	-	98	271	7	-	84	245	-	0,00	98,00	67,75	0,00	84,00	61,25	165,75	628,75	145,25	546,75
14	09.15-09.30	-	108	216	19	-	93	216	1	0,00	108,00	54,00	0,00	93,00	54,00	162,00	661,25	147,00	566,75
15	09.30-09.45	-	94	258	10	-	99	206	2	0,00	94,00	64,50	0,00	99,00	51,50	158,50	653,75	150,50	577,00
16	09.45-10.00	-	110	298	15	-	107	220	2	0,00	110,00	74,50	0,00	107,00	55,00	184,50	670,75	162,00	604,75
17	14.00-14.15	-	81	193	7	-	35	118	5	0,00	81,00	48,25	0,00	35,00	29,50	129,25	-	64,50	-
18	14.15-14.30	-	117	260	16	-	38	157	3	0,00	117,00	65,00	0,00	38,00	39,25	182,00	-	77,25	-
19	14.30-14.45	-	74	272	9	-	69	176	5	0,00	74,00	68,00	0,00	69,00	44,00	142,00	-	113,00	-
20	14.45-15.00	-	107	323	8	-	40	140	6	0,00	107,00	80,75	0,00	40,00	35,00	187,75	641,00	75,00	329,75
21	15.00-15.15	-	97	320	9	-	60	91	3	0,00	97,00	80,00	0,00	60,00	22,75	177,00	688,75	82,75	348,00
22	15.15-15.30	-	143	330	10	-	62	131	6	0,00	143,00	82,50	0,00	62,00	32,75	225,50	732,25	94,75	365,50
23	15.30-15.45	-	91	334	10	-	40	141	2	0,00	91,00	83,50	0,00	40,00	35,25	174,50	764,75	75,25	327,75
24	15.45-16.00	-	103	358	11	-	42	203	2	0,00	103,00	89,50	0,00	42,00	50,75	192,50	769,50	92,75	345,50

Hari : Selasa, 29 Agustus 2006
 Surveyor : Wahyu, Wahyu Adi, Yudi, Tata
 Arah arus : Wonogiri-Solo dan Solo-Wonogiri
 Jarak : 50 m

Surveyor : Wahyu, Wahyu Adi, Yudi, Tata

Arah arus : Wonogiri-Solo dan Solo-Wonogiri

Jarak : 50 m

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														#REF!	#REF!	#REF!		#REF!	#REF!

Lampiran C.3. Waktu tempuh (Tidak ada parkir)

Hari : Sabtu, 2 September 2006

Surveyor : Wahyu, Danang, Wahyu Adi, Ian, Irwan, Yudi.

Arah arus : Wonogiri-Solo dan Solo-Wonogiri

Jarak : 50 m

No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
	06.00-06.15																		
1			9	7		6	8		5,56	7,14		8,33	6,25		20,00	25,71		30,00	22,50
2			8	6		3	5		6,25	8,33		16,67	10,00		22,50	30,00		60,00	36,00
3			6	4		14	8		8,33	12,50		3,57	6,25		30,00	45,00		12,86	22,50
4			7	3		14	5		7,14	16,67		3,57	10,00		25,71	60,00		12,86	36,00
5			6	3		6	5		8,33	16,67		8,33	10,00		30,00	60,00		30,00	36,00
6			12	4		8	5		4,17	12,50		6,25	10,00		15,00	45,00		22,50	36,00
7			6	4			3		8,33	12,50			16,67		30,00	45,00			60,00
8			6	3			6		8,33	16,67			8,33		30,00	60,00			30,00
9				3			7			16,67			7,14			60,00			25,71
10				5			7			10,00			7,14			36,00			25,71
11				7			7			7,14			7,14			25,71			25,71
12				6			6			8,33			8,33			30,00			30,00
13				3			6			16,67			8,33			60,00			30,00
14							5						10,00						36,00
15							4						12,50						45,00
16							9						5,56						20,00
															203	582		168	517
															25,40	44,80		28,04	32,32
	06.15-06.30																		
1			8	6		6	7		6,25	8,33		8,33	7,14		22,50	30,00		30,00	25,71
2			7	7		9	6		7,14	7,14		5,56	8,33		25,71	25,71		20,00	30,00
3			10	7		6	7		5,00	7,14		8,33	7,14		18,00	25,71		30,00	25,71
4			5	6		6	5		10,00	8,33		8,33	10,00		36,00	30,00		30,00	36,00
5			6	8		9	5		8,33	6,25		5,56	10,00		30,00	22,50		20,00	36,00
6			8	8		6	7		6,25	6,25		8,33	7,14		22,50				

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		Jumlah													355	440	56	225	407
		Vt(km/jam)													23,69	24,43	27,86	32,17	25,46
	07.00-07.15																		
1			7	8		6	10		7,14	6,25		8,33	5,00		25,71	22,50		30,00	18,00
2			6	8		7	6		8,33	6,25		7,14	8,33		30,00	22,50		25,71	30,00
3			6	5		6	6		8,33	10,00		8,33	8,33		30,00	36,00		30,00	30,00
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
4	07.00-07.15		4	5		7	5		12,50	10,00		7,14	10,00		45,00	36,00		25,71	36,00
5			7	8		5	4		7,14	6,25		10,00	12,50		25,71	22,50		36,00	45,00
6			5	6		4	5		10,00	8,33		12,50	10,00		36,00	30,00		45,00	36,00
7			4	7		5	6		12,50	7,14		10,00	8,33		45,00	25,71		36,00	30,00
8			5	7		11	5		10,00	7,14		4,55	10,00		36,00	25,71		16,36	36,00
9			5	6		5	6		10,00	8,33		10,00	8,33		36,00	30,00		36,00	30,00
10			8	10			5		6,25	5,00			10,00		22,50	18,00			36,00
11			6	5			5		8,33	10,00			10,00		30,00	36,00			36,00
12			10	6			5		5,00	8,33			10,00		18,00	30,00			36,00
13			11	6			6		4,55	8,33			8,33		16,36	30,00			30,00
14			6	10			6		8,33	5,00			8,33		30,00	18,00			30,00
15				5			6			10,00			8,33			36,00			30,00
16							9						5,56						20,00
17							6						8,33						30,00
18							4						12,50						45,00
19							7						7,14						25,71
		Jumlah													426	419		281	610
		Vt(km/jam)													30,45	27,93		31,20	32,09
	07.15-07.30																		
1			8	7		6	5		6,25	7,14		8,33	10,00		22,50	25,71		30,00	36,00
2			8	11		7	7		6,25	4,55		7,14	7,14		22,50	16,36		25,71	25,71
3			6	8		7	8		8,33	6,25		7,14	6,25		30,00	22,50		25,71	22,50
4			6	5		4	7		8,33	10,00		12,50	7,14		30,00	36,00		45,00	25,71
5			7	7		12	8		7,14	7,14		4,17	6,25		25,71	25,71		15,00	22,50
6			7	10		5	6		7,14	5,00		10,00	8,33		25,71	18,00		36,00	30,00
7			11	6		5	4		4,55	8,33		10,00	12,50		16,36	30,00		36,00	45,00
8			8	8		5	7		6,25	6,25		10,00	7,14		22,50	22,50		36,00	25,71
9			8	12			10		6,25	4,17			5,00		22,50	15,00			18,00
10			8	7			9		6,25	7,14			5,56		22,50	25,71			20,00
11			6	7			7		8,33	7,14			7,14		30,00	25,71			25,71
12			8	6			4		6,25	8,33			12,50		22,50	30,00			45,00
13			5	6			5		10,00	8,33			10,00		36,00	30,00			36,00
14							4						12,50						45,00
15							5						10,00						36,00
16							6						8,33						30,00
17							6						8,33						30,00
18							7						7,14						25,71
19							5						10,00						36,00

20							5						10,00						36,00
21							4						12,50						45,00
22							7						7,14						25,71
23							6						8,33						30,00
24							5						10,00						36,00
25							5						10,00						36,00
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
26	07.15-07.30						9						5,56						20,00
27							9						5,56						20,00
28							6						8,33						30,00
29							7						7,14						25,71
Jumlah														329	323		249	885	
Vt(km/jam)														25,29	24,86		31,18	30,52	
	07.30-07.45																		
1			8	6		4	5		6,25	8,33		12,50	10,00		22,50	30,00		45,00	36,00
2			6	4		4	4		8,33	12,50		12,50	12,50		30,00	45,00		45,00	45,00
3			8	8		5	7		6,25	6,25		10,00	7,14		22,50	22,50		36,00	25,71
4			5	6		7	9		10,00	8,33		7,14	5,56		36,00	30,00		25,71	20,00
5			6	11		4	5		8,33	4,55		12,50	10,00		30,00	16,36		45,00	36,00
6			8	5		6	7		6,25	10,00		8,33	7,14		22,50	36,00		30,00	25,71
7			5	6		4	4		10,00	8,33		12,50	12,50		36,00	30,00		45,00	45,00
8			8	7		5	8		6,25	7,14		10,00	6,25		22,50	25,71		36,00	22,50
9			6	5		6	5		8,33	10,00		8,33	10,00		30,00	36,00		30,00	36,00
10			11	15			6		4,55	3,33			8,33		16,36	12,00			30,00
11			8	7			9		6,25	7,14			5,56		22,50	25,71			20,00
12				11			5			4,55			10,00			16,36			36,00
13				5			6			10,00			8,33			36,00			30,00
14				5			5			10,00			10,00			36,00			36,00
15							7						7,14						25,71
16							7						7,14						25,71
17							6						8,33						30,00
18							6						8,33						30,00
19							5						10,00						36,00
Jumlah														291	398		338	591	
Vt(km/jam)														26,44	28,40		37,52	31,12	
	07.45-08.00																		
1			6	4		6	7		8,33	12,50		8,33	7,14		30,00	45,00		30,00	25,71
2			6	7		5	6		8,33	7,14		10,00	8,33		30,00	25,71		36,00	30,00
3			6	5		6	10		8,33	10,00		8,33	5,00		30,00	36,00		30,00	18,00
4			6	5		9	5		8,33	10,00		5,56	10,00		30,00	36,00		20,00	36,00
5			5	6		5	6		10,00	8,33		10,00	8,33		36,00	30,00		36,00	30,00
6			6	5		4	5		8,33	10,00		12,50	10,00		30,00	36,00		45,00	36,00
7			6	7		7	4		8,33	7,14		7,14	12,50		30,00	25,71		25,71	45,00
8			6	3		5	5		8,33	16,67		10,00	10,00		30,00	60,00		36,00	36,00
9			6	6		4	7		8,33	8,33		12,50	7,14		30,00	30,00		45,00	25,71

10			5	4		5	6		10,00	12,50		10,00	8,33		36,00	45,00		36,00	30,00
11			5	5		5	6		10,00	10,00		10,00	8,33		36,00	36,00		36,00	30,00
12			5	4			5		10,00	12,50			10,00		36,00	45,00			36,00
13			6	7			6		8,33	7,14			8,33		30,00	25,71			30,00
14			7	3			7		7,14	16,67			7,14		25,71	60,00			25,71
15			7	7			7		7,14	7,14			7,14		25,71	25,71			25,71
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
16	07.45-08.00		5	6			5		10,00	8,33			10,00		36,00	30,00			36,00
17			9	8			5		5,56	6,25			10,00		20,00	22,50			36,00
18				4			5			12,50			10,00			45,00			36,00
19				4			6			12,50			8,33			45,00			30,00
20				7			6			7,14			8,33			25,71			30,00
21				7			6			7,14			8,33			25,71			30,00
		Jumlah												521	756		376	658	
		Vt(km/jam)												30,67	35,99		34,16	31,33	
	08.00-08.15																		
1			6	5		5	6		8,33	10,00		10,00	8,33		30,00	36,00		36,00	30,00
2			4	7		5	5		12,50	7,14		10,00	10,00		45,00	25,71		36,00	36,00
3			6	5		7	8		8,33	10,00		7,14	6,25		30,00	36,00		25,71	22,50
4			5	4		6	7		10,00	12,50		8,33	7,14		36,00	45,00		30,00	25,71
5			6	4		5	5		8,33	12,50		10,00	10,00		30,00	45,00		36,00	36,00
6			7	4		7	4		7,14	12,50		7,14	12,50		25,71	45,00		25,71	45,00
7			5	4		6	5		10,00	12,50		8,33	10,00		36,00	45,00		30,00	36,00
8			17	6		11	5		2,94	8,33		4,55	10,00		10,59	30,00		16,36	36,00
9			5	6		5	5		10,00	8,33		10,00	10,00		36,00	30,00		36,00	36,00
10			4	4		4	4		12,50	12,50		12,50	12,50		45,00	45,00		45,00	45,00
11			5	4		6	5		10,00	12,50		8,33	10,00		36,00	45,00		30,00	36,00
12			5	6			6		10,00	8,33			8,33		36,00	30,00			30,00
13			8	5			8		6,25	10,00			6,25		22,50	36,00			22,50
14			10	5			6		5,00	10,00			8,33		18,00	36,00			30,00
15			6	5			4		8,33	10,00			12,50		30,00	36,00			45,00
16							4						12,50						45,00
17							6						8,33						30,00
18							6						8,33						30,00
19							4						12,50						45,00
20							7						7,14						25,71
21							5						10,00						36,00
22							4						12,50						45,00
23							6						8,33						30,00
		Jumlah												467	566		347	798	
		Vt(km/jam)												31,12	37,71		31,53	34,71	
	08.15-08.30																		
1			5	7		8	6		10,00	7,14		6,25	8,33		36,00	25,71		22,50	30,00
2			5	5		4	6		10,00	10,00		12,50	8,33		36,00	36,00		45,00	30,00
3			5	6		5	5		10,00	8,33		10,00	10,00		36,00	30,00		36,00	36,00

4			4	5		4	6		12,50	10,00		12,50	8,33		45,00	36,00		45,00	30,00
5			5	5		8	5		10,00	10,00		6,25	10,00		36,00	36,00		22,50	36,00
6			6	5		4	8		8,33	10,00		12,50	6,25		30,00	36,00		45,00	22,50
7			5	10		6	6		10,00	5,00		8,33	8,33		36,00	18,00		30,00	30,00
8			6	9		3	4		8,33	5,56		16,67	12,50		30,00	20,00		60,00	45,00
9			6	7		5	5		8,33	7,14		10,00	10,00		30,00	25,71		36,00	36,00
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
10	08.15-08.30		23	5		4	8		2,17	10,00		12,50	6,25		7,83	36,00		45,00	22,50
11			4	5		5	7		12,50	10,00		10,00	7,14		45,00	36,00		36,00	25,71
12			7	5		7	6		7,14	10,00		7,14	8,33		25,71	36,00		25,71	30,00
13			15	4		3	6		3,33	12,50		16,67	8,33		12,00	45,00		60,00	30,00
14			6	5			7		8,33	10,00			7,14		30,00	36,00			25,71
15			10	5			11		5,00	10,00			4,55		18,00	36,00			16,36
16							6						8,33						30,00
17							5						10,00						36,00
18							6						8,33						30,00
19							6						8,33						30,00
20							4						12,50						45,00
21							6						8,33						30,00
22							5						10,00						36,00
23							5						10,00						36,00
Jumlah															454	488		509	719
Vt(km/jam)															30,24	32,56		39,13	31,25
	08.30-08.45																		
1			5	4		5	6		10,00	12,50		10,00	8,33		36,00	45,00		36,00	30,00
2			9	5		5	7		5,56	10,00		10,00	7,14		20,00	36,00		36,00	25,71
3			7	5		3	7		7,14	10,00		16,67	7,14		25,71	36,00		60,00	25,71
4			4	6		5	7		12,50	8,33		10,00	7,14		45,00	30,00		36,00	25,71
5			12	4		4	6		4,17	12,50		12,50	8,33		15,00	45,00		45,00	30,00
6			5	6		5	11		10,00	8,33		10,00	4,55		36,00	30,00		36,00	16,36
7			5	6		4	6		10,00	8,33		12,50	8,33		36,00	30,00		45,00	30,00
8			7	3		6	6		7,14	16,67		8,33	8,33		25,71	60,00		30,00	30,00
9			7	4		6	6		7,14	12,50		8,33	8,33		25,71	45,00		30,00	30,00
10			4	10		6	8		12,50	5,00		8,33	6,25		45,00	18,00		30,00	22,50
11			5	5		16	9		10,00	10,00		3,13	5,56		36,00	36,00		11,25	20,00
12			4	3			7		12,50	16,67			7,14		45,00	60,00			25,71
13			5	6			7		10,00	8,33			7,14		36,00	30,00			25,71
14			5	5			9		10,00	10,00			5,56		36,00	36,00			20,00
15				8			5			6,25			10,00			22,50			36,00
16				8			5			6,25			10,00			22,50			36,00
17							5						10,00						36,00
18							6						8,33						30,00
19							6						8,33						30,00
20							6						8,33						30,00
21							6						8,33						30,00

[illegible]

3			6	6		5	8		8,33	8,33		10,00	6,25		30,00	30,00		36,00	22,50
4			6	4		12	7		8,33	12,50		4,17	7,14		30,00	45,00		15,00	25,71
5			5	5		6	10		10,00	10,00		8,33	5,00		36,00	36,00		30,00	18,00
6			7	5		3	6		7,14	10,00		16,67	8,33		25,71	36,00		60,00	30,00
7			27	6		6	8		1,85	8,33		8,33	6,25		6,67	30,00		30,00	22,50
8			10	5		5	11		5,00	10,00		10,00	4,55		18,00	36,00		36,00	16,36
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
9	09.15-09.30		6	5		6	8		8,33	10,00		8,33	6,25		30,00	36,00		30,00	22,50
10			9	3		5	5		5,56	16,67		10,00	10,00		20,00	60,00		36,00	36,00
11			4	5		4	6		12,50	10,00		12,50	8,33		45,00	36,00		45,00	30,00
12			5	6			7		10,00	8,33			7,14		36,00	30,00			25,71
13				5			7			10,00			7,14			36,00			25,71
14				7			6			7,14			8,33			25,71			30,00
15				6			6			8,33			8,33			30,00			30,00
16				6			5			8,33			10,00			30,00			36,00
17				9			6			5,56			8,33			20,00			30,00
18				5						10,00						36,00			
Jumlah														325	628		374	457	
Vt(km/jam)														27,12	34,87		33,97	26,87	
	09.30-09.45																		
1			8	5		5	6		6,25	10,00		10,00	8,33		22,50	36,00		36,00	30,00
2			8	9		27	8		6,25	5,56		1,85	6,25		22,50	20,00		6,67	22,50
3			7	7		6	8		7,14	7,14		8,33	6,25		25,71	25,71		30,00	22,50
4			7	7		6	7		7,14	7,14		8,33	7,14		25,71	25,71		30,00	25,71
5			7	4		5	4		7,14	12,50		10,00	12,50		25,71	45,00		36,00	45,00
6			10	4		5	6		5,00	12,50		10,00	8,33		18,00	45,00		36,00	30,00
7			10	4		7	7		5,00	12,50		7,14	7,14		18,00	45,00		25,71	25,71
8			7	6			4		7,14	8,33			12,50		25,71	30,00			45,00
9			6	6			9		8,33	8,33			5,56		30,00	30,00			20,00
10			6	5			7		8,33	10,00			7,14		30,00	36,00			25,71
11			7	3			6		7,14	16,67			8,33		25,71	60,00			30,00
12			7	6			5		7,14	8,33			10,00		25,71	30,00			36,00
13			10	6			11		5,00	8,33			4,55		18,00	30,00			16,36
14			14	5			5		3,57	10,00			10,00		12,86	36,00			36,00
15			6	6			6		8,33	8,33			8,33		30,00	30,00			30,00
16				6			6			8,33			8,33			30,00			30,00
17				14			5			3,57			10,00			12,86			36,00
18				8			5			6,25			10,00			22,50			36,00
19							10						5,00						18,00
20							10						5,00						18,00
21							5						10,00						36,00
Jumlah														356	590		200	615	
Vt(km/jam)														23,74	32,77		28,63	29,26	
	09.45-10.00																		
1			5	6		5	5		10,00	8,33		10,00	10,00		36,00	30,00		36,00	36,00

2			6	4		5	4		8,33	12,50		10,00	12,50		30,00	45,00		36,00	45,00
3			5	5		6	5		10,00	10,00		8,33	10,00		36,00	36,00		30,00	36,00
4			5	5		4	7		10,00	10,00		12,50	7,14		36,00	36,00		45,00	25,71
5			5	6		6	5		10,00	8,33		8,33	10,00		36,00	30,00		30,00	36,00
6			7	6		7	7		7,14	8,33		7,14	7,14		25,71	30,00		25,71	25,71
7			5	5		9	7		10,00	10,00		5,56	7,14		36,00	36,00		20,00	25,71
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
8	09.45-10.00		6	6		9	7		8,33	8,33		5,56	7,14		30,00	30,00		20,00	25,71
9			12	4		5	6		4,17	12,50		10,00	8,33		15,00	45,00		36,00	30,00
10			5	6		6	5		10,00	8,33		8,33	10,00		36,00	30,00		30,00	36,00
11			5	7		12	6		10,00	7,14		4,17	8,33		36,00	25,71		15,00	30,00
12				6			6			8,33			8,33			30,00			30,00
13				5			6			10,00			8,33			36,00			30,00
14				6			7			8,33			7,14			30,00			25,71
15				8			7			6,25			7,14			22,50			25,71
16				5			6			10,00			8,33			36,00			30,00
17				5			6			10,00			8,33			36,00			30,00
18							7						7,14						25,71
19							5						10,00						36,00
20							6						8,33						30,00
21							6						8,33						30,00
22							8						6,25						22,50
Jumlah														353	564		324	668	
Vt(km/jam)														32,06	33,19		29,43	30,34	
14.00-14.15																			
1			8	7		4	10		6,25	7,14		12,50	5,00		22,50	25,71		45,00	18,00
2			8	6		6	5		6,25	8,33		8,33	10,00		22,50	30,00		30,00	36,00
3			18	10		4	6		2,78	5,00		12,50	8,33		10,00	18,00		45,00	30,00
4			10	7		4	5		5,00	7,14		12,50	10,00		18,00	25,71		45,00	36,00
5			14	6		6	4		3,57	8,33		8,33	12,50		12,86	30,00		30,00	45,00
6			8	4		5	7		6,25	12,50		10,00	7,14		22,50	45,00		36,00	25,71
7			11	5		5	4		4,55	10,00		10,00	12,50		16,36	36,00		36,00	45,00
8			8	6		7	5		6,25	8,33		7,14	10,00		22,50	30,00		25,71	36,00
9			7	6		8	5		7,14	8,33		6,25	10,00		25,71	30,00		22,50	36,00
10				6		6	4			8,33		8,33	12,50			30,00		30,00	45,00
11				6		8	6			8,33		6,25	8,33			30,00		22,50	30,00
12							7						7,14						25,71
13							6						8,33						30,00
14							6						8,33						30,00
Jumlah														173	330		368	468	
Vt(km/jam)														19,22	30,04		33,43	33,46	
14.15-14.30																			
1			9	6		8	6		5,56	8,33		6,25	8,33		20,00	30,00		22,50	30,00
2			8	6		7	5		6,25	8,33		7,14	10,00		22,50	30,00		25,71	36,00
3			18	4		5	5		2,78	12,50		10,00	10,00		10,00	45,00		36,00	36,00

4			8	5		5	6		6,25	10,00		10,00	8,33		22,50	36,00		36,00	30,00
5			5	3		5	5		10,00	16,67		10,00	10,00		36,00	60,00		36,00	36,00
6			4	8		6	5		12,50	6,25		8,33	10,00		45,00	22,50		30,00	36,00
7			7	5		5	7		7,14	10,00		10,00	7,14		25,71	36,00		36,00	25,71
8			6	4		6	3		8,33	12,50		8,33	16,67		30,00	45,00		30,00	60,00
9			13	5		15	4		3,85	10,00		3,33	12,50		13,85	36,00		12,00	45,00
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
10	14.15-14.30		11	6		5	4		4,55	8,33		10,00	12,50		16,36	30,00		36,00	45,00
11			8	7		5	7		6,25	7,14		10,00	7,14		22,50	25,71		36,00	25,71
12				6		4	7			8,33		12,50	7,14			30,00		45,00	25,71
13				4			7			12,50			7,14			45,00			25,71
14				4			4			12,50			12,50			45,00			45,00
15				6			5			8,33			10,00			30,00			36,00
16							5						10,00						36,00
Jumlah															264	546		381	574
Vt(km/jam)															24,04	36,41		31,77	35,87
	14.30-14.45																		
1			8	5		6	5		6,25	10,00		8,33	10,00		22,50	36,00		30,00	36,00
2			16	12		4	5		3,13	4,17		12,50	10,00		11,25	15,00		45,00	36,00
3			6	5		5	7		8,33	10,00		10,00	7,14		30,00	36,00		36,00	25,71
4			4	8		6	6		12,50	6,25		8,33	8,33		45,00	22,50		30,00	30,00
5			8	4		4	6		6,25	12,50		12,50	8,33		22,50	45,00		45,00	30,00
6			8	8		13	5		6,25	6,25		3,85	10,00		22,50	22,50		13,85	36,00
7			5	5		7	9		10,00	10,00		7,14	5,56		36,00	36,00		25,71	20,00
8			10	6		6	8		5,00	8,33		8,33	6,25		18,00	30,00		30,00	22,50
9			9	4		4	11		5,56	12,50		12,50	4,55		20,00	45,00		45,00	16,36
10			5	4		6	10		10,00	12,50		8,33	5,00		36,00	45,00		30,00	18,00
11			4	5			5		12,50	10,00			10,00		45,00	36,00			36,00
12			9	7			4		5,56	7,14			12,50		20,00	25,71			45,00
13				5			5			10,00			10,00			36,00			36,00
14				4			6			12,50			8,33			45,00			30,00
15				8			6			6,25			8,33			22,50			30,00
16				4			5			12,50			10,00			45,00			36,00
17							4						12,50						45,00
18							5						10,00						36,00
Jumlah															329	543		331	565
Vt(km/jam)															27,40	33,95		33,06	31,37
	14.45-15.00																		
1			8	5		4	4		6,25	10,00		12,50	12,50		22,50	36,00		45,00	45,00
2			5	5		5	5		10,00	10,00		10,00	10,00		36,00	36,00		36,00	36,00
3			6	7		3	6		8,33	7,14		16,67	8,33		30,00	25,71		60,00	30,00
4			7	6		8	5		7,14	8,33		6,25	10,00		25,71	30,00		22,50	36,00
5			8	4		4	4		6,25	12,50		12,50	12,50		22,50	45,00		45,00	45,00
6			6	4		5	6		8,33	12,50		10,00	8,33		30,00	45,00		36,00	30,00
7			6	4		4	4		8,33	12,50		12,50	12,50		30,00	45,00		45,00	45,00

8			8	3		7	7		6,25	16,67		7,14	7,14		22,50	60,00		25,71	25,71
9			6	5		3	8		8,33	10,00		16,67	6,25		30,00	36,00		60,00	22,50
10			8	4		4	6		6,25	12,50		12,50	8,33		22,50	45,00		45,00	30,00
11			6	5		5	5		8,33	10,00		10,00	10,00		30,00	36,00		36,00	36,00
12			9	5		5	3		5,56	10,00		10,00	16,67		20,00	36,00		36,00	60,00
13			27	5			6		1,85	10,00			8,33		6,67	36,00			30,00
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
14	14.45-15.00			4			4			12,50			12,50			45,00			45,00
15				4			6			12,50			8,33			45,00			30,00
16							8						6,25						22,50
Jumlah															328	602		492	569
Vt(km/jam)															25,26	40,11		41,02	35,54
	15.00-15.15																		
1			7	4		4	6		7,14	12,50		12,50	8,33		25,71	45,00		45,00	30,00
2			5	5		8	7		10,00	10,00		6,25	7,14		36,00	36,00		22,50	25,71
3			7	5		5	4		7,14	10,00		10,00	12,50		25,71	36,00		36,00	45,00
4			5	4		6	5		10,00	12,50		8,33	10,00		36,00	45,00		30,00	36,00
5			5	7		5	4		10,00	7,14		10,00	12,50		36,00	25,71		36,00	45,00
6			8	7		6	6		6,25	7,14		8,33	8,33		22,50	25,71		30,00	30,00
7			5	5		7	9		10,00	10,00		7,14	5,56		36,00	36,00		25,71	20,00
8			5	4		5	5		10,00	12,50		10,00	10,00		36,00	45,00		36,00	36,00
9			4	8		3	5		12,50	6,25		16,67	10,00		45,00	22,50		60,00	36,00
10			5	6		4	4		10,00	8,33		12,50	12,50		36,00	30,00		45,00	45,00
11			8	4		5			6,25	12,50		10,00			22,50	45,00		36,00	
12				7						7,14						25,71			
13				4						12,50						45,00			
14				5						10,00						36,00			
15				7						7,14						25,71			
16				5						10,00						36,00			
17				3						16,67						60,00			
18				8						6,25						22,50			
Jumlah															357	643		402	349
Vt(km/jam)															32,49	35,71		36,56	34,87
	15.15-15.30																		
1			5	6		4	5		10,00	8,33		12,50	10,00		36,00	30,00		45,00	36,00
2			5	4		4	6		10,00	12,50		12,50	8,33		36,00	45,00		45,00	30,00
3			6	4		6	6		8,33	12,50		8,33	8,33		30,00	45,00		30,00	30,00
4			6	4		6	6		8,33	12,50		8,33	8,33		30,00	45,00		30,00	30,00
5			5	6		5	5		10,00	8,33		10,00	10,00		36,00	30,00		36,00	36,00
6			6	6		10	7		8,33	8,33		5,00	7,14		30,00	30,00		18,00	25,71
7			5	6		7	9		10,00	8,33		7,14	5,56		36,00	30,00		25,71	20,00
8			7	5		5	6		7,14	10,00		10,00	8,33		25,71	36,00		36,00	30,00
9			8	6		5	5		6,25	8,33		10,00	10,00		22,50	30,00		36,00	36,00
10			5	5		5	6		10,00	10,00		10,00	8,33		36,00	36,00		36,00	30,00
11			6	5		6	8		8,33	10,00		8,33	6,25		30,00	36,00		30,00	22,50

12			5	6			6		10,00	8,33			8,33		36,00	30,00			30,00
13			5	4			7		10,00	12,50			7,14		36,00	45,00			25,71
14			5	6			4		10,00	8,33			12,50		36,00	30,00			45,00
15				5			10			10,00			5,00			36,00			18,00
16				5			5			10,00			10,00			36,00			36,00
17				4			5			12,50			10,00			45,00			36,00
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
18	15.15-15.30			9			4			5,56			12,50			20,00			45,00
19				6			5			8,33			10,00			30,00			36,00
20				6			7			8,33			7,14			30,00			25,71
21				6			4			8,33			12,50			30,00			45,00
22				12			3			4,17			16,67			15,00			60,00
23				5						10,00						36,00			
Jumlah														456	776		368	729	
Vt(km/jam)														32,59	33,74		33,43	33,12	
	15.30-15.45																		
1			4	5		4	5		12,50	10,00		12,50	10,00		45,00	36,00		45,00	36,00
2			6	6		3	4		8,33	8,33		16,67	12,50		30,00	30,00		60,00	45,00
3			5	5		4	5		10,00	10,00		12,50	10,00		36,00	36,00		45,00	36,00
4			4	6		5	6		12,50	8,33		10,00	8,33		45,00	30,00		36,00	30,00
5			21	5		4	4		2,38	10,00		12,50	12,50		8,57	36,00		45,00	45,00
6			8	3		5	4		6,25	16,67		10,00	12,50		22,50	60,00		36,00	45,00
7			5	4		5	5		10,00	12,50		10,00	10,00		36,00	45,00		36,00	36,00
8			6	5		5	7		8,33	10,00		10,00	7,14		30,00	36,00		36,00	25,71
9			11	8		8	4		4,55	6,25		6,25	12,50		16,36	22,50		22,50	45,00
10			6	5		8	6		8,33	10,00		6,25	8,33		30,00	36,00		22,50	30,00
11			5	7		7	5		10,00	7,14		7,14	10,00		36,00	25,71		25,71	36,00
12			8	7			4		6,25	7,14			12,50		22,50	25,71			45,00
13				5			4			10,00			12,50			36,00			45,00
14				5			6			10,00			8,33			36,00			30,00
15				3			5			16,67			10,00			60,00			36,00
16				6			5			8,33			10,00			30,00			36,00
17				4			5			12,50			10,00			45,00			36,00
18				10			4			5,00			12,50			18,00			45,00
19				4			6			12,50			8,33			45,00			30,00
20				6			6			8,33			8,33			30,00			30,00
21				8			6			6,25			8,33			22,50			30,00
22				4			4			12,50			12,50			45,00			45,00
Jumlah														358	786		410	818	
Vt(km/jam)														29,83	35,75		37,25	37,17	
	15.45-16.00																		
1			8	6		8	6		6,25	8,33		6,25	8,33		22,50	30,00		22,50	30,00
2			11	7		4	5		4,55	7,14		12,50	10,00		16,36	25,71		45,00	36,00
3			5	5		4	5		10,00	10,00		12,50	10,00		36,00	36,00		45,00	36,00
4			6	7		5	5		8,33	7,14		10,00	10,00		30,00	25,71		36,00	36,00

5			8	8		5	7		6,25	6,25		10,00	7,14		22,50	22,50		36,00	25,71
6			6	5		5	4		8,33	10,00		10,00	12,50		30,00	36,00		36,00	45,00
7			9	4		4	4		5,56	12,50		12,50	12,50		20,00	45,00		45,00	45,00
8			6	3		5	4		8,33	16,67		10,00	12,50		30,00	60,00		36,00	45,00
9			6	3		6	5		8,33	16,67		8,33	10,00		30,00	60,00		30,00	36,00
10			10	4		7	6		5,00	12,50		7,14	8,33		18,00	45,00		25,71	30,00
No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
11	15.45-16.00		8	5			4		6,25	10,00			12,50		22,50	36,00			45,00
12			6	3			6		8,33	16,67			8,33		30,00	60,00			30,00
13			15	3			7		3,33	16,67			7,14		12,00	60,00			25,71
14				5			4			10,00			12,50			36,00			45,00
15				5			6			10,00			8,33			36,00			30,00
16				4			6			12,50			8,33			45,00			30,00
17				5			4			10,00			12,50			36,00			45,00
18				8						6,25						22,50			
19				4						12,50						45,00			
20				4						12,50						45,00			
21				5						10,00						36,00			
22				6						8,33						30,00			
23				4						12,50						45,00			
24				9						5,56						20,00			
25				4						12,50						45,00			
26				6						8,33						30,00			
27				4						12,50						45,00			
28				9						5,56						20,00			
29				4						12,50						45,00			
Jumlah															320	1123		357	615
Vt(km/jam)															24,60	38,74		35,72	36,20

Lampiran C.2. Waktu tempuh (Ada parkir)

Hari : Selasa, 29 Agustus 2006

Surveyor : Ane, Ika, Darto, Hari, Aji, Dodi, Rima, Joko S, Fadli, Purwanto, Joko, Aris, Endar.

Arah arus : Wonogiri-Solo dan Solo-Wonogiri

Jarak : 100 m

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Lampiran C.4. Waktu tempuh (Ada parkir)

Hari : Sabtu, 2 September 2006

Surveyor : Ane, Rangga, Rima, Udin, Darwanto, Bim-bim, Kusnandar, Dodi, Wahyu, Joko S, Supri, Purwanto, Rio, Aris, Susilo

Arah arus : Wonogiri-Solo dan Solo-Wonogiri

Jarak :100 m

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Keterangan:

Rumus: $V_t = \frac{\sum \text{kecepatan}}{\sum \text{kendaraan}}$

Lampiran D.1. Kecepatan arus lalu lintas (Tidak ada parkir)

Hari : Selasa, 29 Agustus 2006
 Surveyor : Wahyu, Wahyu Adi, Yudi, Tata.
 Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan						Kecepatan rata-rata (km/jam)						Kecepatan rata-rata (km/jam)	
	Arah ke Solo			Arah ke Wonogiri			Arah ke Solo			Arah ke Wonogiri			Arah	Arah
	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	ke Solo	ke Wonogiri
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)={ (7)	(14)={ (10)
													$x(1)+(8)x(2)$	$x(4)+(11)x(5)$
06.00-06.15		11	21		10	22		24,16	20,70		19,71	21,13	21,89	20,69
06.15-06.30		12	27		11	23		19,26	44,42		19,84	22,02	36,68	21,31
06.30-06.45		12	54		7	16		21,13	32,80		31,99	14,69	30,68	19,96
06.45-07.00		17	80		10	24		28,22	32,32		34,12	12,03	31,60	18,53
07.00-07.15		12	60		10	27		35,86	33,29		26,62	10,89	33,72	15,14
07.15-07.30		8	60		4	28		38,12	35,89		24,05	14,10	36,15	15,34
07.30-07.45		12	42		9	20		32,00	38,43		34,38	15,28	37,00	21,21
07.45-08.00		11	46		10	23		25,82	35,11		32,62	21,73	33,32	25,03
08.00-08.15		10	48		10	14		31,11	41,56		56,70	37,93	39,76	45,75
08.15-08.30		13	41		10	20		31,20	38,97		34,39	43,80	37,10	40,66
08.30-08.45		17	55		10	24		26,54	38,96		30,51	40,75	36,03	37,74
08.45-09.00		13	33		10	20		32,12	38,69		34,50	45,00	36,83	41,50
09.00-09.15		15	29		12	20		31,31	43,14		36,89	41,55	39,11	39,80
09.15-09.30		12	28		10	15		31,18	43,85		36,17	41,00	40,05	39,07
09.30-09.45		10	27		8	15		29,66	40,83		34,21	40,40	37,81	38,25
09.45-10.00		9	18		7	15		28,40	36,33		30,92	36,51	33,69	34,73
14.00-14.15		12	24		12	10		25,59	31,13		36,29	14,82	29,28	26,53
14.15-14.30		14	25		12	15		20,97	29,93		43,54	23,50	26,71	32,41
14.30-14.45		16	15		13	15		25,53	27,20		36,40	42,80	26,34	39,83
14.45-15.00		12	15		11	20		24,01	31,76		39,97	45,68	28,32	43,65
15.00-15.15		17	10		12	25		26,03	28,84		36,88	42,19	27,07	40,47
15.15-15.30		15	10		11	12		30,37	31,29		38,86	35,64	30,74	37,18
15.30-15.45		17	10		10	20		31,73	29,71		42,00	43,59	30,98	43,06
15.45-16.00		14	15		11	23		28,60	27,20		37,36	37,96	27,88	37,77

Lampiran D.2. Kecepatan arus lalu lintas (Ada parkir)

Hari : Selasa, 29 Agustus 2006
 Surveyor : Ane, Hari, Darto, Dodi, Ika, Aji, Joko, Joko S, Purwanto, Endar, Fadli, Aris..
 Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan						Kecepatan rata-rata (km/jam)						Kecepatan rata-rata (km/jam)	
	Arah ke Solo			Arah ke Wonogiri			Arah ke Solo			Arah ke Wonogiri			Arah	Arah
	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	ke Solo	ke Wonogiri
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)={ (7)	(14)={ (10)
													$x(1)+(8)x(2)$	$x(4)+(11)x(5)$
													$+(9)x(3)/$	$+(12)x(6)/$
													$\{(1)+(2)+(3)\}$	$\{(4)+(5)+(6)\}$
06.00-06.15		19	24		17	21		33,67	34,08		18,80	20,11	33,90	19,52
06.15-06.30		23	23		21	21		33,43	17,26		18,69	20,05	25,35	19,37
06.30-06.45		23	20		27	15		28,66	20,48		17,16	20,02	24,86	18,18
06.45-07.00		15	15		24	23		30,88	21,92		17,35	17,61	26,40	17,48
07.00-07.15		29	12		27	25		30,89	43,36		14,82	18,27	34,54	16,48
07.15-07.30		25	11		26	26		34,45	36,85		20,67	17,57	35,18	19,12
07.30-07.45		24	20		22	20		36,31	37,70		18,72	18,43	36,94	18,58
07.45-08.00		28	20		30	21		34,56	25,62		15,20	18,29	30,84	16,47
08.00-08.15		15	21		30	15		30,81	34,84		18,62	17,14	33,16	18,13
08.15-08.30		40	21		26	18		31,35	41,11		18,20	25,67	34,71	21,26
08.30-08.45		23	20		24	21		35,86	37,36		16,73	19,85	36,56	18,19
08.45-09.00		23	22		22	19		32,32	33,41		18,78	19,01	32,85	18,89
09.00-09.15		28	23		27	16		32,46	31,88		19,02	22,99	32,20	20,50
09.15-09.30		29	20		37	10		34,91	26,26		14,83	15,63	31,38	15,00
09.30-09.45		25	21		27	11		28,24	33,03		18,39	18,12	30,43	18,31
09.45-10.00		20	21		11	11		18,43	24,31		16,35	19,75	21,44	18,05
14.00-14.15		25	22		20	10		21,50	36,53		45,75	17,89	28,54	36,46
14.15-14.30		26	24		34	12		20,82	31,79		44,91	23,75	26,09	39,39
14.30-14.45		18	11		22	12		20,11	28,61		59,08	21,36	23,33	45,77
14.45-15.00		14	10		28	17		18,30	31,53		45,55	19,52	23,81	35,72
15.00-15.15		16	12		29	22		31,84	29,06		50,58	19,71	30,65	37,26
15.15-15.30		22	11		21	9		42,91	30,41		58,94	21,24	38,74	47,63
15.30-15.45		11	10		26	16		38,07	28,07		51,49	22,98	33,31	40,63
15.45-16.00		13	10		13	22		34,36	27,00		52,64	21,96	31,16	33,36

Lampiran D.3. Kecepatan arus lalu lintas (Tidak ada parkir)

Hari : Sabtu, 2 September 2006
 Surveyor : Wahyu, Danang, Wahyu Adi, Ian, Irwan, Yudi.
 Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan						Kecepatan rata-rata (km/jam)						Kecepatan rata-rata (km/jam)	
	Arah ke Solo			Arah ke Wonogiri			Arah ke Solo			Arah ke Wonogiri			Arah ke Solo	Arah ke Wonogiri
	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)={ (7) x(1)+(8)x(2) +(9)x(3) } / { (1)+(2)+(3) }	(14)={ (10) x(4)+(11)x(5) +(12)x(6) } / { (4)+(5)+(6) }
06.00-06.15		8	13		6	16		25,40	44,80		28,04	32,32	37,41	31,15
06.15-06.30		12	14		6	15		23,70	27,61		26,67	28,41	25,81	27,91
06.30-06.45		12	18		9	15		22,96	29,66		26,7	26,05	26,98	26,29
06.45-07.00		15	18	2	7	16		23,69	24,43	27,86	32,17	25,46	24,09	27,53
07.00-07.15		14	15		9	19		30,45	27,93		31,2	32,09	29,15	31,80
07.15-07.30		13	13		8	29		25,29	24,86		31,18	30,52	25,08	30,66
07.30-07.45		11	14		9	24		26,44	28,40		37,52	31,12	27,54	32,87
07.45-08.00		17	21		11	23		30,67	35,99		34,16	31,33	33,61	32,25
08.00-08.15		15	15		11	23		31,12	37,71		31,53	34,71	34,42	33,68
08.15-08.30		15	15		13	22		30,24	32,56		39,13	31,25	31,40	34,18
08.30-08.45		14	16		11	23		33,08	36,38		35,93	27,63	34,84	30,32
08.45-09.00		16	17		12	17		31,83	33,39		31,67	28,48	32,63	29,80
09.00-09.15		11	15		10	21		30,94	37,9		33,04	26,17	34,96	28,39
09.15-09.30		12	18		11	20		27,12	34,87		33,97	26,87	31,77	29,39
09.30-09.45		15	18		7	14		23,74	32,77		28,63	29,26	28,67	29,05
09.45-10.00		11	17		11	16		32,06	33,19		29,43	30,34	32,75	29,97
14.00-14.15		9	11		11	14		19,22	30,04		33,43	33,46	25,17	33,45
14.15-14.30		11	15		12	16		24,04	36,41		31,77	35,87	31,18	34,11
14.30-14.45		12	16		10	18		27,40	33,95		33,06	31,37	31,14	31,97
14.45-15.00		13	15		12	16		25,26	40,11		41,02	35,54	33,22	37,89
15.00-15.15		11	18		11	10		32,49	35,71		36,56	34,87	34,49	35,76
15.15-15.30		14	23		11	22		32,59	33,74		33,43	33,12	33,30	33,22
15.30-15.45		12	22		11	22		29,83	35,75		37,25	37,17	33,66	37,20
15.45-16.00		13	25		10	17		24,60	38,74		35,72	36,20	33,90	36,02

Lampiran D.4. Kecepatan arus lalu lintas (Ada parkir)

Hari : Sabtu, 2 September 2006

Surveyor : Ane, Darwanto, Bim-bim, Rima, Udin, Dodi, Wahyu, Rangga, Kusnandar, Joko S, Rio, Purwanto, Susilo, Supri, Aris.

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan						Kecepatan rata-rata (km/jam)						Kecepatan rata-rata (km/jam)	
	Arah ke Solo			Arah ke Wonogiri			Arah ke Solo			Arah ke Wonogiri			Arah ke Solo	Arah ke Wonogiri
	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	(13)={ (7)	(14)={ (10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	x(1)+(8)x(2)	x(4)+(11)x(5)
													+(9)x(3)/	+(12)x(6)/
													{(1)+(2)+(3)}	{(4)+(5)+(6)}
06.00-06.15		11	9		11	11		10,44	28,96		16,70	23,47	18,77	20,09
06.15-06.30		25	10		27	15		9,26	29,81		17,72	29,15	15,13	21,80
06.30-06.45		24	11		35	17		7,34	43,94		19,03	22,12	18,84	20,04
06.45-07.00		36	9	2	49	12		6,79	32,48	21,25	19,76	22,12	11,93	20,26
07.00-07.15		23	10		45	15		9,72	34,95		22,15	25,8	17,37	23,06
07.15-07.30		33	12		34	20		13,41	31,19		23,8	25,88	18,15	24,57
07.30-07.45		22	11		32	17		10,76	24,42		20,03	25,89	15,31	22,06
07.45-08.00		31	12		38	12		5,60	26,87		17,01	21,53	11,54	18,09
08.00-08.15		32	11		51	9		5,50	25,88		15,96	25,26	10,71	17,36
08.15-08.30		36	12		36	8		5,35	28,02		17,75	20,61	11,02	18,27
08.30-08.45		30	13		42	13		45,66	26,94		14,73	25,85	40,00	17,36
08.45-09.00		35	10	1	46	12		52,79	36,90	10,59	18,42	26,62	49,26	19,96
09.00-09.15		35	12		39	9		30,93	28,25		16,41	25,9	30,25	18,19
09.15-09.30		47	10		44	14		6,54	35,95		16,97	26,23	11,70	19,21
09.30-09.45		38	12		43	11		6,83	30,68		18,41	25,99	12,55	19,95
09.45-10.00		45	13		26	12		6,81	28,32		15,01	20,36	11,63	16,70
14.00-14.15		16	10		36	11		22,49	30,12		28,4	17,97	25,42	25,96
14.15-14.30		31	11		52	10		32,59	31,80		27,77	16,03	32,38	25,88
14.30-14.45		22	10		40	13		13,29	34,36		26,67	11,75	19,87	23,01
14.45-15.00		25	11		26	11		11,67	29,72		25,48	11,73	17,19	21,39
15.00-15.15		14	10		39	14		32,51	31,22		25,18	13,16	31,97	22,00
15.15-15.30		17	12		26	12		21,28	22,78		25,16	11,49	21,90	20,84
15.30-15.45		14	11		33	8		11,21	35,73		28,70	13,72	22,00	25,78
15.45-16.00		15	9		47	9		13,38	25,91		22,32	11,19	18,08	20,53

Lampiran E.1. Kepadatan arus lalu lintas

Hari : Selasa, 29 Agustus 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

No	Pukul	Volume(Q)		Kecepatan(V)				Kepadatan(D= Q/V)			
				(km/jam)				(smp/km)			
		(smp/jam)		Tidak ada parkir		Ada parkir		Tidak ada parkir		Ada parkir	
		Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri
		(1)	(2)	(3)	(4)	(5)	(6)	(7)=(1)/(3)	(8)=(2)/(4)	(9)=(1)/(5)	(10)=(2)/(6)
1	06.00-07.00	444,50	428,50	30,21	20,12	27,62	18,64	14,71	21,30	16,09	22,99
2	06.15-07.15	526,00	543,50	33,17	18,73	27,79	17,88	15,86	29,01	18,93	30,40
3	06.30-07.30	543,25	622,50	33,04	17,24	30,24	17,81	16,44	36,10	17,96	34,94
4	06.45-07.45	520,00	635,75	34,62	17,55	33,27	17,91	15,02	36,21	15,63	35,49
5	07.00-08.00	493,25	555,25	35,05	19,18	34,37	17,66	14,07	28,95	14,35	31,44
6	07.15-08.15	507,75	557,75	36,56	26,83	34,03	18,08	13,89	20,79	14,92	30,86
7	07.30-08.30	535,00	538,25	36,66	33,16	33,91	18,61	14,60	16,23	15,78	28,92
8	07.45-08.45	530,25	554,25	36,31	37,30	33,82	18,51	14,60	14,86	15,68	29,94
9	08.00-09.00	528,25	595,25	37,19	41,41	34,32	19,11	14,21	14,37	15,39	31,14
10	08.15-09.15	523,00	592,50	37,02	39,93	34,08	19,71	14,13	14,84	15,35	30,07
11	08.30-09.30	549,50	609,00	37,90	39,53	33,25	18,14	14,50	15,41	16,53	33,57
12	08.45-09.45	554,00	625,50	38,45	39,65	31,71	18,17	14,41	15,77	17,47	34,42
13	09.00-10.00	546,75	639,00	37,66	37,96	28,86	17,96	14,52	16,83	18,94	35,57
14	14.00-15.00	397,25	642,75	27,66	35,61	25,44	39,33	14,36	18,05	15,61	16,34
15	14.15-15.15	414,75	647,00	27,11	39,09	25,97	39,53	15,30	16,55	15,97	16,37
16	14.30-15.30	435,50	641,00	28,12	40,28	29,13	41,59	15,49	15,91	14,95	15,41
17	14.45-15.45	401,00	610,00	29,28	41,09	31,63	40,31	13,70	14,85	12,68	15,13
18	15.00-16.00	403,00	592,00	29,17	39,62	33,47	39,72	13,82	14,94	12,04	14,90

Lampiran E.2. Kepadatan arus lalu lintas

Hari : Sabtu, 2 September 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

No	Pukul	Volume(Q)		Kecepatan(V)				Kepadatan(D= Q/V)			
				(km/jam)				(smp/km)			
		(smp/jam)		Tidak ada parkir		Ada parkir		Tidak ada parkir		Ada parkir	
		Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri
		(1)	(2)	(3)	(4)	(5)	(6)	(7)=(1)/(3)	(8)=(2)/(4)	(9)=(1)/(5)	(10)=(2)/(6)
1	06.00-07.00	462,70	534,90	28,57	28,22	16,75	20,63	16,19	18,96	27,63	25,92
2	06.15-07.15	512,25	604,40	26,51	28,38	16,39	21,38	19,33	21,30	31,25	28,27
3	06.30-07.30	563,75	650,90	26,32	29,07	17,15	21,97	21,42	22,39	32,88	29,63
4	06.45-07.45	517,75	628,75	26,46	30,71	15,69	22,48	19,56	20,47	33,00	27,97
5	07.00-08.00	495,75	589,75	28,84	31,89	15,59	21,95	17,19	18,49	31,80	26,87
6	07.15-08.15	500,75	590,25	30,16	32,36	13,93	20,52	16,60	18,24	35,95	28,76
7	07.30-08.30	489,25	567,50	31,74	33,24	12,15	18,95	15,41	17,07	40,28	29,95
8	07.45-08.45	517,00	599,50	33,57	32,60	18,32	17,77	15,40	18,39	28,23	33,74
9	08.00-09.00	522,00	614,25	33,32	31,99	27,75	18,27	15,67	19,20	18,81	33,61
10	08.15-09.15	546,75	628,75	33,46	30,67	32,63	18,63	16,34	20,50	16,76	33,75
11	08.30-09.30	566,75	661,25	33,55	29,47	32,80	18,86	16,89	22,44	17,28	35,06
12	08.45-09.45	577,00	653,75	32,01	29,16	25,94	19,51	18,03	22,42	22,24	33,51
13	09.00-10.00	604,75	670,75	32,03	29,20	16,53	18,66	18,88	22,97	36,58	35,95
14	14.00-15.00	329,75	641,00	30,18	34,36	23,72	24,12	10,93	18,66	13,90	26,58
15	14.15-15.15	348,00	688,75	32,51	34,93	25,35	23,13	10,71	19,72	13,73	29,78
16	14.30-15.30	365,50	732,25	33,04	34,71	22,73	21,32	11,06	21,10	16,08	34,35
17	14.45-15.45	327,75	764,75	33,67	36,02	23,26	21,95	9,73	21,23	14,09	34,84
18	15.00-16.00	345,50	769,50	33,84	35,55	23,49	21,73	10,21	21,65	14,71	35,40

Lampiran F.1. Pemisah arah

Hari : Minggu, 11 Juni 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan SW			UM	Total SW per 15 menit	Total SW per jam	Jumlah Kendaraan WS			UM	Total WS per 15 menit	Total WS per jam	Total 2 arah	Faktor Pemisah Arah	
	MC	LV	HV				MC	LV	HV					SW	WS
	(kend)	(kend)	(kend)				(kend)	(kend)	(kend)						
	(1)	(2)	(3)				(1)	(2)	(3)						
06.00-06.15	112	13		17	125		79	20		23	99				
06.15-06.30	55	10		12	65		96	37		27	133				
06.30-06.45	115	45		15	160		125	36		15	161				
06.45-07.00	125	27		9	152	502	139	28		8	167	560	1062	0,47	0,53
07.00-07.15	145	50		19	195	572	105	26		3	131	592	1164	0,49	0,51
07.15-07.30	253	50		20	303	810	100	28		24	128	587	1397	0,58	0,42
07.30-07.45	170	45		9	215	865	109	27		7	136	562	1427	0,61	0,39
07.45-08.00	116	70		12	186	899	147	62	3	30	212	607	1506	0,60	0,40
08.00-08.15	202	70	1	20	273	977	124	48		23	172	648	1625	0,60	0,40
08.15-08.30	207	97		16	304	978	112	38	1	23	151	671	1649	0,59	0,41
08.30-08.45	196	68		19	264	1027	120	57		16	177	712	1739	0,59	0,41
08.45-09.00	139	75		14	214	1055	119	50		13	169	669	1724	0,61	0,39
09.00-09.15	116	61		11	177	959	93	50		14	143	640	1599	0,60	0,40
09.15-09.30	152	66		4	218	873	130	71		23	201	690	1563	0,56	0,44
09.30-09.45	194	24		5	218	827	110	71		14	181	694	1521	0,54	0,46
09.45-10.00	207	64	1	10	272	885	138	60		29	198	723	1608	0,55	0,45
14.00-14.15	122	58		9	180		68	29		4	97				
14.15-14.30	143	74	1	9	218		118	50		9	168				
14.30-14.45	165	64		1	229		120	51		5	171				
14.45-15.00	145	82		11	227	627	112	62		11	174	610	1237	0,51	0,49
15.00-15.15	77	65		2	142	816	122	47		5	169	682	1498	0,54	0,46
15.15-15.30	207	65	1	8	273	871	135	50		10	185	699	1570	0,55	0,45
15.30-15.45	208	65		2	273	915	130	38	2	13	170	698	1613	0,57	0,43
15.45-16.00	156	61			217	905	150	37	1	9	188	712	1617	0,56	0,44

Lampiran F.2. Pemisah arah

Hari : Senin, 12 Juni 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan SW			UM	Total SW per 15 menit	Total SW per jam	Jumlah Kendaraan WS			UM	Total WS per 15 menit	Total WS per jam	Total 2 arah	Faktor Pemisah Arah	
	MC	LV	HV				MC	LV	HV					SW	WS
	(kend)	(kend)	(kend)				(kend)	(kend)	(kend)						
	(1)	(2)	(3)				(1)	(2)	(3)						
06.00-06.15	198	56		30	254		195	64		21	259				
06.15-06.30	210	68		24	278		225	75		15	300				
06.30-06.45	127	61		18	188		345	90		21	435				
06.45-07.00	219	97	1	16	317	1037	580	73		10	653	1647	2684	0,39	0,61
07.00-07.15	247	92		7	339	1122	376	71		12	447	1835	2957	0,38	0,62
07.15-07.30	263	23		14	286	1130	327	40		11	367	1902	3032	0,37	0,63
07.30-07.45	172	64		13	236	1178	356	67		11	423	1890	3068	0,38	0,62
07.45-08.00	195	90		27	285	1146	312	63	1	19	376	1613	2759	0,42	0,58
08.00-08.15	88	61	2	16	151	958	337	40		10	377	1543	2501	0,38	0,62
08.15-08.30	172	95		16	267	939	350	74		8	424	1600	2539	0,37	0,63
08.30-08.45	200	82		15	282	985	327	66	6	15	399	1576	2561	0,38	0,62
08.45-09.00	177	84		18	261	961	234	67	1	21	302	1502	2463	0,39	0,61
09.00-09.15	158	103		8	261	1071	208	57		29	265	1390	2461	0,44	0,56
09.15-09.30	104	95		17	199	1003	215	49		10	264	1230	2233	0,45	0,55
09.30-09.45	113	65		15	178	899	229	38	3	19	270	1101	2000	0,45	0,55
09.45-10.00	112	57		16	169	807	154	52		9	206	1005	1812	0,45	0,55
14.00-14.15	72	76	1	12	149		217	35		4	252				
14.15-14.30	117	99	1	15	217		240	38	1	4	279				
14.30-14.45	118	110		11	228		143	69		10	212				
14.45-15.00	168	87		8	255	849	124	40		9	164	907	1756	0,48	0,52
15.00-15.15	205	96		9	301	1001	82	60		10	142	797	1798	0,56	0,44
15.15-15.30	88	86		12	174	958	93	62		15	155	673	1631	0,59	0,41
15.30-15.45	153	73		6	226	956	80	40	1	5	121	582	1538	0,62	0,38
15.45-16.00	208	88		12	296	997	110	42		7	152	570	1567	0,64	0,36

Lampiran F.3. Pemisah arah

Hari : Selasa, 29 Agustus 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan SW			UM	Total SW per 15 menit	Total SW per jam	Jumlah Kendaraan WS			UM	Total WS per 15 menit	Total WS per jam	Total 2 arah	Faktor Pemisah Arah	
	MC	LV	HV				MC	LV	HV					SW	WS
	(kend)	(kend)	(kend)				(kend)	(kend)	(kend)						
	(1)	(2)	(3)				(1)	(2)	(3)						
06.00-06.15	62	22		5	84		58	16		1	74				
06.15-06.30	156	47		8	203		190	46		15	236				
06.30-06.45	243	60		28	303		362	64		21	426				
06.45-07.00	377	90		33	467	1057	376	72		23	448	1184	2241	0,47	0,53
07.00-07.15	330	70		12	400	1373	208	60		21	268	1378	2751	0,50	0,50
07.15-07.30	348	78		32	426	1596	251	48		18	299	1441	3037	0,53	0,47
07.30-07.45	296	60		25	356	1649	245	70		23	315	1330	2979	0,55	0,45
07.45-08.00	167	62		23	229	1411	301	64		19	365	1247	2658	0,53	0,47
08.00-08.15	264	89		21	353	1364	278	57		19	335	1314	2678	0,51	0,49
08.15-08.30	230	88		19	318	1256	248	76		8	324	1339	2595	0,48	0,52
08.30-08.45	220	95		15	315	1215	270	59		5	329	1353	2568	0,47	0,53
08.45-09.00	219	90		21	309	1295	249	75		14	324	1312	2607	0,50	0,50
09.00-09.15	205	101		17	306	1248	209	69		7	278	1255	2503	0,50	0,50
09.15-09.30	224	106		12	330	1260	234	106		8	340	1271	2531	0,50	0,50
09.30-09.45	226	110		25	336	1281	212	78		11	290	1232	2513	0,51	0,49
09.45-10.00	213	105		12	318	1290	216	76		1	292	1200	2490	0,52	0,48
14.00-14.15	320	82		11	402		256	35			291				
14.15-14.30	278	84		7	362		233	38		19	271				
14.30-14.45	269	98		18	367		196	69		16	265				
14.45-15.00	224	106		8	330	1461	176	40		6	216	1043	2504	0,58	0,42
15.00-15.15	257	102		16	359	1418	226	60		6	286	1038	2456	0,58	0,42
15.15-15.30	290	75		14	365	1421	220	62		12	282	1049	2470	0,58	0,42
15.30-15.45	241	74		11	315	1369	174	40		8	214	998	2367	0,58	0,42
15.45-16.00	252	81		13	333	1372	176	42		25	218	1000	2372	0,58	0,42

Lampiran F.4. Pemisah arah

Hari : Sabtu, 2 September 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan SW			UM	Total SW per 15 menit	Total SW per jam	Jumlah Kendaraan WS			UM	Total WS per 15 menit	Total WS per jam	Total 2 arah	Faktor Pemisah Arah	
	MC	LV	HV				MC	LV	HV					SW	WS
	(kend)	(kend)	(kend)				(kend)	(kend)	(kend)						
	(1)	(2)	(3)				(1)	(2)	(3)						
06.00-06.15	149	44		19	193		107	38	1	11	146				
06.15-06.30	207	54		24	261		164	46		5	210				
06.30-06.45	291	81	2	24	374		390	61		19	451				
06.45-07.00	335	108		17	443	1271	281	81		13	362	1169	2440	0,52	0,48
07.00-07.15	267	84		17	351	1429	214	62		40	276	1299	2728	0,52	0,48
07.15-07.30	313	74		13	387	1555	254	75		11	329	1418	2973	0,52	0,48
07.30-07.45	300	59		19	359	1540	218	58		7	276	1243	2783	0,55	0,45
07.45-08.00	275	84		16	359	1456	209	77		5	286	1167	2623	0,56	0,44
08.00-08.15	253	88		14	341	1446	206	69		5	275	1166	2612	0,55	0,45
08.15-08.30	222	74		21	296	1355	236	68		5	304	1141	2496	0,54	0,46
08.30-08.45	292	93		19	385	1381	213	87		7	300	1165	2546	0,54	0,46
08.45-09.00	266	101		9	367	1389	153	96		3	249	1128	2517	0,55	0,45
09.00-09.15	271	98		7	369	1417	245	84			329	1182	2599	0,55	0,45
09.15-09.30	216	108		19	324	1445	216	93		1	309	1187	2632	0,55	0,45
09.30-09.45	258	94		10	352	1412	206	99		2	305	1192	2604	0,54	0,46
09.45-10.00	298	110		15	408	1453	220	107		2	327	1270	2723	0,53	0,47
14.00-14.15	193	81		7	274		118	35		5	153				
14.15-14.30	260	117		16	377		157	38		3	195				
14.30-14.45	272	74		9	346		176	69		5	245				
14.45-15.00	323	107		8	430	1427	140	40		6	180	773	2200	0,65	0,35
15.00-15.15	320	97		9	417	1570	91	60		3	151	771	2341	0,67	0,33
15.15-15.30	330	143		10	473	1666	131	62		6	193	769	2435	0,68	0,32
15.30-15.45	334	91		10	425	1745	141	40		2	181	705	2450	0,71	0,29
15.45-16.00	358	103		11	461	1776	203	42		2	245	770	2546	0,70	0,30

Lampiran G.1. Derajat kejenuhan

Hari : Selasa, 29 Agustus 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

No	Pukul	Volume(Q)		Kapasitas(C)	Derajat kejenuhan)	
		(smp/jam)		(smp/jam)	(DS= Q/C)	
		Arah keSolo	Arah keWonogiri		Arah keSolo	Arah keWonogiri
		(1)	(2)	(3)	(4)=(1)/(3)	(5)=(2)/(3)
1	06.00-07.00	444,50	428,50	1441,78	0,31	0,30
2	06.15-07.15	526,00	543,50	1441,78	0,36	0,38
3	06.30-07.30	543,25	622,50	1441,78	0,38	0,43
4	06.45-07.45	520,00	635,75	1441,78	0,36	0,44
5	07.00-08.00	493,25	555,25	1441,78	0,34	0,39
6	07.15-08.15	507,75	557,75	1441,78	0,35	0,39
7	07.30-08.30	535,00	538,25	1441,78	0,37	0,37
8	07.45-08.45	530,25	554,25	1441,78	0,37	0,38
9	08.00-09.00	528,25	595,25	1441,78	0,37	0,41
10	08.15-09.15	523,00	592,50	1441,78	0,36	0,41
11	08.30-09.30	549,50	609,00	1441,78	0,38	0,42
12	08.45-09.45	554,00	625,50	1441,78	0,38	0,43
13	09.00-10.00	546,75	639,00	1441,78	0,38	0,44
14	14.00-15.00	397,25	642,75	1441,78	0,28	0,45
15	14.15-15.15	414,75	647,00	1441,78	0,29	0,45
16	14.30-15.30	435,50	641,00	1441,78	0,30	0,44
17	14.45-15.45	401,00	610,00	1441,78	0,28	0,42
18	15.00-16.00	403,00	592,00	1441,78	0,28	0,41

Lampiran G.2. Derajat kejenuhan

Hari : Sabtu, 2 September 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

No	Pukul	Volume(Q)		Kapasitas(C)	Derajat kejenuhan)	
		(smp/jam)		(smp/jam)	(DS= Q/C)	
		Arah keSolo	Arah keWonogiri		Arah keSolo	Arah keWonogiri
		(1)	(2)	(3)	(4)=(1)/(3)	(5)=(2)/(3)
1	06.00-07.00	462,70	534,90	1441,78	0,32	0,37
2	06.15-07.15	512,25	604,40	1441,78	0,36	0,42
3	06.30-07.30	563,75	650,90	1441,78	0,39	0,45
4	06.45-07.45	517,75	628,75	1441,78	0,36	0,44
5	07.00-08.00	495,75	589,75	1441,78	0,34	0,41
6	07.15-08.15	500,75	590,25	1441,78	0,35	0,41
7	07.30-08.30	489,25	567,50	1441,78	0,34	0,39
8	07.45-08.45	517,00	599,50	1441,78	0,36	0,42
9	08.00-09.00	522,00	614,25	1441,78	0,36	0,43
10	08.15-09.15	546,75	628,75	1441,78	0,38	0,44
11	08.30-09.30	566,75	661,25	1441,78	0,39	0,46
12	08.45-09.45	577,00	653,75	1441,78	0,40	0,45
13	09.00-10.00	604,75	670,75	1441,78	0,42	0,47
14	14.00-15.00	329,75	641,00	1441,78	0,23	0,44
15	14.15-15.15	348,00	688,75	1441,78	0,24	0,48
16	14.30-15.30	365,50	732,25	1441,78	0,25	0,51
17	14.45-15.45	327,75	764,75	1441,78	0,23	0,53
18	15.00-16.00	345,50	769,50	1441,78	0,24	0,53

Lampiran H.1. Tundaan (Tidak ada parkir)

Hari : Selasa, 29 Agustus 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan						Waktu rata-rata (detik)						Waktu tempuh rata-rata (detik)	
	Arah ke Solo			Arah keWonogiri			Arah ke Solo			Arah keWonogiri			Arah ke Solo	Arah ke Wonogiri
	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
06.00-06.15		11	21		10	22		8,91	9,38		10,50	9,55	9,22	9,84
06.15-06.30		12	27		11	23		10,33	4,85		10,00	8,87	6,54	9,24
06.30-06.45		12	54		7	16		10,08	5,78		6,43	13,88	6,56	11,61
06.45-07.00		17	80		10	24		7,65	5,98		5,70	16,50	6,27	13,32
07.00-07.15		12	60		10	27		6,42	5,67		7,20	17,30	5,79	14,57
07.15-07.30		8	60		4	28		5,25	5,20		7,75	13,29	5,21	12,59
07.30-07.45		12	42		9	20		6,08	4,83		5,44	12,20	5,11	10,10
07.45-08.00		11	46		10	23		7,55	5,41		6,30	8,70	5,82	7,97
08.00-08.15		10	48		10	14		5,90	4,52		3,50	4,86	4,76	4,29
08.15-08.30		13	41		10	20		5,92	4,90		5,50	4,25	5,15	4,67
08.30-08.45		17	55		10	24		7,47	4,95		6,40	4,96	5,54	5,38
08.45-09.00		13	33		10	20		5,85	5,03		5,70	4,20	5,26	4,70
09.00-09.15		15	29		12	20		5,93	4,34		5,08	4,45	4,89	4,69
09.15-09.30		12	28		10	15		6,00	5,25		5,30	4,47	5,48	4,80
09.30-09.45		10	27		8	15		6,20	4,56		5,63	4,53	5,00	4,91
09.45-10.00		9	18		7	15		6,44	5,06		6,00	5,07	5,52	5,36
14.00-14.15		12	24		12	10		8,25	6,21		5,75	13,70	6,89	9,36
14.15-14.30		14	25		12	15		12,71	6,52		4,58	8,53	8,74	6,78
14.30-14.45		16	15		13	15		7,38	6,80		5,23	4,33	7,10	4,75
14.45-15.00		12	15		11	20		7,83	6,00		4,82	4,20	6,81	4,42
15.00-15.15		17	10		12	25		7,59	6,40		5,67	4,40	7,15	4,81
15.15-15.30		15	10		11	12		6,20	6,50		4,82	5,17	6,32	5,00
15.30-15.45		17	10		10	20		5,88	7,30		4,40	4,30	6,41	4,33
15.45-16.00		14	15		11	23		6,71	7,07		4,91	4,87	6,90	4,88

Lampiran H.2. Tundaan (Ada parkir)

Hari : Selasa, 29 Agustus 2006
Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan						Waktu rata-rata (detik)						Waktu tempuh rata-rata (detik)	
	Arah ke Solo			Arah ke Wonogiri			Arah ke Solo			Arah ke Wonogiri			Arah ke Solo	Arah ke Wonogiri
	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)={ (7)	(14)={ (10)
													$x(1)+(8)x(2)$ $+(9)x(3)/$ $\{(1)+(2)+(3)\}$	$x(4)+(11)x(5)$ $+(12)x(6)/$ $\{(4)+(5)+(6)\}$
06.00-06.15		19	24		17	21		11,16	10,75		20,18	18,14	10,93	19,05
06.15-06.30		23	23		21	21		11,70	21,26		20,33	18,38	16,48	19,36
06.30-06.45		23	20		27	15		14,35	17,90		22,74	18,87	16,00	21,36
06.45-07.00		15	15		24	23		11,67	17,60		22,00	20,78	14,63	21,40
07.00-07.15		29	12		27	25		13,38	8,58		25,04	20,32	11,98	22,77
07.15-07.30		25	11		26	26		11,40	11,36		18,65	20,69	11,39	19,67
07.30-07.45		24	20		22	20		10,96	11,15		21,27	19,75	11,05	20,55
07.45-08.00		28	20		30	21		11,36	14,90		25,07	20,67	12,83	23,25
08.00-08.15		15	21		30	15		13,67	11,52		20,93	22,00	12,42	21,29
08.15-08.30		40	21		26	18		12,45	10,71		20,46	16,67	11,85	18,91
08.30-08.45		23	20		24	21		12,65	11,60		22,33	18,43	12,16	20,51
08.45-09.00		23	22		22	19		12,35	11,60		20,27	19,53	11,98	19,93
09.00-09.15		28	23		27	16		13,25	12,52		20,22	16,19	12,92	18,72
09.15-09.30		29	20		37	10		11,79	14,55		24,86	24,70	12,92	24,83
09.30-09.45		25	21		27	11		14,32	11,86		20,26	20,73	13,20	20,39
09.45-10.00		20	21		11	11		21,20	15,62		23,00	18,36	18,34	20,68
14.00-14.15		25	22		20	10		18,80	10,77		10,80	18,50	15,04	13,37
14.15-14.30		26	24		34	12		18,19	11,79		9,79	15,75	15,12	11,35
14.30-14.45		18	11		22	12		19,67	12,73		7,50	21,08	17,03	12,29
14.45-15.00		14	10		28	17		20,71	12,20		13,07	18,65	17,17	15,18
15.00-15.15		16	12		29	22		14,38	12,50		10,14	19,23	13,57	14,06
15.15-15.30		22	11		21	9		9,32	12,36		8,52	17,33	10,33	11,17
15.30-15.45		11	10		26	16		10,18	13,00		11,12	15,88	11,52	12,93
15.45-16.00		13	10		13	22		11,69	14,60		9,23	16,59	12,96	13,86

Lampiran H.3. Tundaan

Hari : Selasa, 29 Agustus 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Waktu tempuh rata-rata				Tundaan	
	(detik)				(detik)	
	Tidak ada parkir		Ada parkir			
	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri
	(1)	(2)	(3)	(4)	(5)=(3)-(1)	(6)=(4)-(2)
06.00-06.15	9,22	9,84	10,93	19,05	1,71	9,21
06.15-06.30	6,54	9,24	16,48	19,36	9,94	10,12
06.30-06.45	6,56	11,61	16,00	21,36	9,44	9,75
06.45-07.00	6,27	13,32	14,63	21,40	8,37	8,08
07.00-07.15	5,79	14,57	11,98	22,77	6,18	8,20
07.15-07.30	5,21	12,59	11,39	19,67	6,18	7,08
07.30-07.45	5,11	10,10	11,05	20,55	5,93	10,44
07.45-08.00	5,82	7,97	12,83	23,25	7,01	15,29
08.00-08.15	4,76	4,29	12,42	21,29	7,66	17,00
08.15-08.30	5,15	4,67	11,85	18,91	6,70	14,24
08.30-08.45	5,54	5,38	12,16	20,51	6,62	15,13
08.45-09.00	5,26	4,70	11,98	19,93	6,72	15,23
09.00-09.15	4,89	4,69	12,92	18,72	8,04	14,03
09.15-09.30	5,48	4,80	12,92	24,83	7,44	20,03
09.30-09.45	5,00	4,91	13,20	20,39	8,20	15,48
09.45-10.00	5,52	5,36	18,34	20,68	12,82	15,32
14.00-14.15	6,89	9,36	15,04	13,37	8,15	4,00
14.15-14.30	8,74	6,78	15,12	11,35	6,38	4,57
14.30-14.45	7,10	4,75	17,03	12,29	9,94	7,54
14.45-15.00	6,81	4,42	17,17	15,18	10,35	10,76
15.00-15.15	7,15	4,81	13,57	14,06	6,42	9,25
15.15-15.30	6,32	5,00	10,33	11,17	4,01	6,17
15.30-15.45	6,41	4,33	11,52	12,93	5,12	8,60
15.45-16.00	6,90	4,88	12,96	13,86	6,06	8,97

Lampiran H.4. Tundaan (Tidak ada parkir)

Hari : Sabtu, 2 September 2006

Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan						Waktu rata-rata (detik)						Waktu tempuh rata-rata (detik)	
	Arah ke Solo			Arah ke Wonogiri			Arah ke Solo			Arah ke Wonogiri			Arah ke Solo	Arah ke Wonogiri
	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	(13)={ (7)	(14)={ (10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	$x(1)+(8)x(2)$	$x(4)+(11)x(5)$
													$+(9)x(3)/$	$+(12)x(6)/$
													$\{(1)+(2)+(3)\}$	$\{(4)+(5)+(6)\}$
06.00-06.15		8	13		6	16		7,50	4,46		8,50	6,00	5,62	6,68
06.15-06.30		12	14		6	15		8,17	6,71		7,00	8,82	7,38	8,30
06.30-06.45		12	18		9	15		8,33	6,11		7,22	8,07	7,00	7,75
06.45-07.00		15	18	2	7	16		8,73	8,39	6,50	5,86	7,56	8,55	7,00
07.00-07.15		14	15		9	19		6,43	6,80		6,22	5,89	6,62	6,00
07.15-07.30		13	13		8	29		7,38	7,69		6,38	6,31	7,54	6,32
07.30-07.45		11	14		9	24		7,18	7,21		5,00	6,11	7,20	5,80
07.45-08.00		17	21		11	23		6,00	5,43		5,67	5,95	5,68	5,86
08.00-08.15		15	15		11	23		6,60	4,93		6,09	5,43	5,77	5,65
08.15-08.30		15	15		13	22		7,47	5,87		5,09	6,04	6,67	5,69
08.30-08.45		14	16		11	23		6,00	5,50		5,91	6,77	5,73	6,49
08.45-09.00		16	17		12	17		5,57	5,59		6,00	6,56	5,58	6,33
09.00-09.15		11	15		10	21		6,64	5,00		5,60	7,64	5,69	6,98
09.15-09.30		12	18		11	20		8,73	5,44		5,91	7,00	6,76	6,61
09.30-09.45		15	18		7	14		8,00	6,17		8,71	6,67	7,00	7,35
09.45-10.00		11	17		11	16		6,00	5,59		6,73	6,70	5,75	6,71
14.00-14.15		9	11		11	14		10,22	6,27		5,73	5,71	8,05	5,72
14.15-14.30		11	15		12	16		8,82	5,27		6,33	5,31	6,77	5,75
14.30-14.45		12	16		10	18		7,67	5,88		6,10	6,22	6,64	6,18
14.45-15.00		13	15		12	16		8,46	4,67		4,75	5,44	6,43	5,14
15.00-15.15		11	18		11	10		5,82	5,44		5,27	5,50	5,59	5,38
15.15-15.30		14	23		11	22		5,64	5,70		5,73	5,86	5,68	5,82
15.30-15.45		12	22		11	22		7,42	5,50		5,27	5,00	6,18	5,09
15.45-16.00		13	25		10	17		8,00	11,45		5,30	8,00	10,27	7,00

Lampiran H.5. Tundaan (Ada parkir)

Hari : Sabtu, 2 September 2006
Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Jumlah kendaraan						Waktu rata-rata (detik)						Waktu tempuh rata-rata (detik)	
	Arah ke Solo			Arah ke Wonogiri			Arah ke Solo			Arah ke Wonogiri			Arah ke Solo	Arah ke Wonogiri
	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	(13)={ (7)	(14)={ (10)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	$x(1)+(8)x(2)$	$x(4)+(11)x(5)$
													$+(9)x(3);/$	$+(12)x(6);/$
													$\{(1)+(2)+(3)\}$	$\{(4)+(5)+(6)\}$
06.00-06.15		11	9		11	11		35,73	12,89		24,73	15,64	25,45	20,18
06.15-06.30		25	10		27	15		40,32	14,50		22,74	13,60	32,94	19,48
06.30-06.45		24	11		35	17		75,33	9,91		20,77	17,59	54,77	19,73
06.45-07.00		36	9	2	49	12		53,47	12,22	17,00	20,14	16,50	45,22	19,35
07.00-07.15		23	10		45	15		41,13	11,70		18,27	15,40	32,21	17,55
07.15-07.30		33	12		34	20		27,94	13,50		16,24	14,45	24,09	15,57
07.30-07.45		22	11		32	17		47,95	15,91		20,38	14,82	37,27	18,45
07.45-08.00		31	12		38	12		65,52	14,17		23,58	17,25	51,19	22,06
08.00-08.15		32	11		51	9		66,16	15,09		23,73	14,44	53,09	22,33
08.15-08.30		36	12		36	8		69,61	13,58		22,64	18,63	55,60	21,91
08.30-08.45		30	13		42	13		36,50	13,77		33,33	14,85	29,63	28,96
08.45-09.00		35	10	1	46	12		9,74	11,50	34,00	21,65	16,67	10,13	20,85
09.00-09.15		35	12		39	9		32,89	13,33		24,36	14,56	27,89	22,52
09.15-09.30		47	10		44	14		55,49	10,50		22,82	14,50	47,60	20,81
09.30-09.45		38	12		43	11		53,24	12,83		21,51	14,27	43,54	20,04
09.45-10.00		45	13		26	12		53,47	13,62		28,04	18,50	44,53	25,03
14.00-14.15		16	10		36	11		18,88	13,50		14,39	22,36	16,81	16,26
14.15-14.30		31	11		52	10		12,48	13,27		15,67	23,80	12,69	16,98
14.30-14.45		22	10		40	13		27,68	11,10		15,78	30,85	22,50	19,47
14.45-15.00		25	11		26	11		33,65	14,09		17,23	31,73	27,68	21,54
15.00-15.15		14	10		39	14		14,29	11,90		15,46	28,86	13,29	19,00
15.15-15.30		17	12		26	12		23,18	17,50		16,35	32,17	20,83	21,34
15.30-15.45		14	11		33	8		32,57	14,45		14,58	27,75	24,60	17,15
15.45-16.00		15	9		47	9		30,27	15,11		17,13	32,44	24,58	19,59

Lampiran H.6. Tundaan

Hari : Sabtu, 2 September 2006
 Arah arus : Solo-Wonogiri dan Wonogiri-Solo

Pukul	Waktu tempuh rata-rata				Tundaan	
	(detik)				(detik)	
	Tidak ada parkir		Ada parkir			
	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri	Arah keSolo	Arah keWonogiri
	(1)	(2)	(3)	(4)	(5)=(3)-(1)	(6)=(4)-(2)
06.00-06.15	5,62	6,68	25,45	20,18	19,83	13,50
06.15-06.30	7,38	8,30	32,94	19,48	25,56	11,18
06.30-06.45	7,00	7,75	54,77	19,73	47,77	11,98
06.45-07.00	8,55	7,00	45,22	19,35	36,68	12,35
07.00-07.15	6,62	6,00	32,21	17,55	25,59	11,55
07.15-07.30	7,54	6,32	24,09	15,57	16,55	9,25
07.30-07.45	7,20	5,80	37,27	18,45	30,07	12,65
07.45-08.00	5,68	5,86	51,19	22,06	45,50	16,20
08.00-08.15	5,77	5,65	53,09	22,33	47,33	16,69
08.15-08.30	6,67	5,69	55,60	21,91	48,94	16,22
08.30-08.45	5,73	6,49	29,63	28,96	23,89	22,47
08.45-09.00	5,58	6,33	10,13	20,85	4,55	14,52
09.00-09.15	5,69	6,98	27,89	22,52	22,20	15,54
09.15-09.30	6,76	6,61	47,60	20,81	40,84	14,20
09.30-09.45	7,00	7,35	43,54	20,04	36,54	12,69
09.45-10.00	5,75	6,71	44,53	25,03	38,78	18,32
14.00-14.15	8,05	5,72	16,81	16,26	8,76	10,54
14.15-14.30	6,77	5,75	12,69	16,98	5,92	11,23
14.30-14.45	6,64	6,18	22,50	19,47	15,86	13,29
14.45-15.00	6,43	5,14	27,68	21,54	21,25	16,40
15.00-15.15	5,59	5,38	13,29	19,00	7,71	13,62
15.15-15.30	5,68	5,82	20,83	21,34	15,15	15,52
15.30-15.45	6,18	5,09	24,60	17,15	18,42	12,06
15.45-16.00	10,27	7,00	24,58	19,59	14,31	12,59

Selasa Lampiran C.1.

No	Pukul	Volume(Q) (smp/jam)		Kecepatan(V) (km/jam)		
				Tidak ada parkir		Ada p
		Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri	Arah Solo
		(1)	(2)	(3)	(4)	(5)
1	06.00-07.00	444,50	428,50	30,21	20,12	27,62
2	06.15-07.15	526,00	543,50	33,17	18,73	27,79
3	06.30-07.30	543,25	622,50	33,04	17,24	30,24
4	06.45-07.45	520,00	635,75	34,62	17,55	33,27
5	07.00-08.00	493,25	555,25	35,05	19,18	34,37
6	07.15-08.15	507,75	557,75	36,56	26,83	34,03
7	07.30-08.30	535,00	538,25	36,66	33,16	33,91
8	07.45-08.45	530,25	554,25	36,31	37,30	33,82
9	08.00-09.00	528,25	595,25	37,19	41,41	34,32
10	08.15-09.15	523,00	592,50	37,02	39,93	34,08
11	08.30-09.30	549,50	609,00	37,90	39,53	33,25
12	08.45-09.45	554,00	625,50	38,45	39,65	31,71
13	09.00-10.00	546,75	639,00	37,66	37,96	28,86
14	14.00-15.00	397,25	642,75	27,66	35,61	25,44
15	14.15-15.15	414,75	647,00	27,11	39,09	25,97
16	14.30-15.30	435,50	641,00	28,12	40,28	29,13
17	14.45-15.45	401,00	610,00	29,28	41,09	31,63
18	15.00-16.00	403,00	592,00	29,17	39,62	33,47

Sabtu Lampiran C.2.

No	Pukul	Volume(Q) (smp/jam)		Kecepatan(V) (km/jam)		
				Tidak ada parkir		Ada p
		Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri	Arah Solo
		(1)	(2)	(3)	(4)	(5)
1	06.00-07.00	462,70	534,90	28,57	28,22	16,75
2	06.15-07.15	512,25	604,40	26,51	28,38	16,39
3	06.30-07.30	563,75	650,90	26,32	29,07	17,15
4	06.45-07.45	517,75	628,75	26,46	30,71	15,69
5	07.00-08.00	495,75	589,75	28,84	31,89	15,59
6	07.15-08.15	500,75	590,25	30,16	32,36	13,93
7	07.30-08.30	489,25	567,50	31,74	33,24	12,15
8	07.45-08.45	517,00	599,50	33,57	32,60	18,32
9	08.00-09.00	522,00	614,25	33,32	31,99	27,75
10	08.15-09.15	546,75	628,75	33,46	30,67	32,63
11	08.30-09.30	566,75	661,25	33,55	29,47	32,80
12	08.45-09.45	577,00	653,75	32,01	29,16	25,94
13	09.00-10.00	604,75	670,75	32,03	29,20	16,53
14	14.00-15.00	329,75	641,00	30,18	34,36	23,72
15	14.15-15.15	348,00	688,75	32,51	34,93	25,35
16	14.30-15.30	365,50	732,25	33,04	34,71	22,73
17	14.45-15.45	327,75	764,75	33,67	36,02	23,26
18	15.00-16.00	345,50	769,50	33,84	35,55	23,49

	Kepadatan(D= Q/V)				
	(smp/km)				
arkir	Tidak ada parkir			Ada parkir	
Arah Wonogiri	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri	
(6)	(7)=(1)/(3)	(8)=(2)/(4)	(9)=(1)/(5)	(10)=(2)/(6)	
18,64	14,71	21,30	16,09	22,99	
17,88	15,86	29,01	18,93	30,40	
17,81	16,44	36,10	17,96	34,94	
17,91	15,02	36,21	15,63	35,49	
17,66	14,07	28,95	14,35	31,44	
18,08	13,89	20,79	14,92	30,86	
18,61	14,60	16,23	15,78	28,92	
18,51	14,60	14,86	15,68	29,94	
19,11	14,21	14,37	15,39	31,14	
19,71	14,13	14,84	15,35	30,07	
18,14	14,50	15,41	16,53	33,57	
18,17	14,41	15,77	17,47	34,42	
17,96	14,52	16,83	18,94	35,57	
39,33	14,36	18,05	15,61	16,34	
39,53	15,30	16,55	15,97	16,37	
41,59	15,49	15,91	14,95	15,41	
40,31	13,70	14,85	12,68	15,13	
39,72	13,82	14,94	12,04	14,90	

	Kepadatan(D= Q/V)				
	(smp/km)				
arkir	Tidak ada parkir			Ada parkir	
Arah Wonogiri	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri	
(6)	(7)=(1)/(3)	(8)=(2)/(4)	(9)=(1)/(5)	(10)=(2)/(6)	
20,63	16,19	18,96	27,63	25,92	
21,38	19,33	21,30	31,25	28,27	
21,97	21,42	22,39	32,88	29,63	
22,48	19,56	20,47	33,00	27,97	
21,95	17,19	18,49	31,80	26,87	
20,52	16,60	18,24	35,95	28,76	
18,95	15,41	17,07	40,28	29,95	
17,77	15,40	18,39	28,23	33,74	
18,27	15,67	19,20	18,81	33,61	
18,63	16,34	20,50	16,76	33,75	
18,86	16,89	22,44	17,28	35,06	
19,51	18,03	22,42	22,24	33,51	
18,66	18,88	22,97	36,58	35,95	
24,12	10,93	18,66	13,90	26,58	
23,13	10,71	19,72	13,73	29,78	
21,32	11,06	21,10	16,08	34,35	
21,95	9,73	21,23	14,09	34,84	
21,73	10,21	21,65	14,71	35,40	

Lampiran D.1.

Selasa

No	Pukul	Volume(Q)		Kapasitas(C)	Derajat kejenuhan)	
		(smp/jam)		(smp/jam)	(DS= Q/C)	
		Arah Solo	Arah Wonogiri		Arah Solo	Arah Wonogiri
		(1)	(2)	(3)	(4)=(1)/(3)	(5)=(2)/(3)
1	06.00-07.00	444,50	428,50	1441,78	0,31	0,30
2	06.15-07.15	526,00	543,50	1441,78	0,36	0,38
3	06.30-07.30	543,25	622,50	1441,78	0,38	0,43
4	06.45-07.45	520,00	635,75	1441,78	0,36	0,44
5	07.00-08.00	493,25	555,25	1441,78	0,34	0,39
6	07.15-08.15	507,75	557,75	1441,78	0,35	0,39
7	07.30-08.30	535,00	538,25	1441,78	0,37	0,37
8	07.45-08.45	530,25	554,25	1441,78	0,37	0,38
9	08.00-09.00	528,25	595,25	1441,78	0,37	0,41
10	08.15-09.15	523,00	592,50	1441,78	0,36	0,41
11	08.30-09.30	549,50	609,00	1441,78	0,38	0,42
12	08.45-09.45	554,00	625,50	1441,78	0,38	0,43
13	09.00-10.00	546,75	639,00	1441,78	0,38	0,44
14	14.00-15.00	397,25	642,75	1441,78	0,28	0,45
15	14.15-15.15	414,75	647,00	1441,78	0,29	0,45
16	14.30-15.30	435,50	641,00	1441,78	0,30	0,44
17	14.45-15.45	401,00	610,00	1441,78	0,28	0,42
18	15.00-16.00	403,00	592,00	1441,78	0,28	0,41

Lampiran D.2.

Sabtu

No	Pukul	Volume(Q)		Kapasitas(C)	Derajat kejenuhan)	
		(smp/jam)		(smp/jam)	(DS= Q/C)	
		Arah Solo	Arah Wonogiri		Arah Solo	Arah Wonogiri
		(1)	(2)	(3)	(4)=(1)/(3)	(5)=(2)/(3)
1	06.00-07.00	462,70	534,90	1441,78	0,32	0,37
2	06.15-07.15	512,25	604,40	1441,78	0,36	0,42
3	06.30-07.30	563,75	650,90	1441,78	0,39	0,45
4	06.45-07.45	517,75	628,75	1441,78	0,36	0,44
5	07.00-08.00	495,75	589,75	1441,78	0,34	0,41
6	07.15-08.15	500,75	590,25	1441,78	0,35	0,41
7	07.30-08.30	489,25	567,50	1441,78	0,34	0,39
8	07.45-08.45	517,00	599,50	1441,78	0,36	0,42
9	08.00-09.00	522,00	614,25	1441,78	0,36	0,43
10	08.15-09.15	546,75	628,75	1441,78	0,38	0,44
11	08.30-09.30	566,75	661,25	1441,78	0,39	0,46
12	08.45-09.45	577,00	653,75	1441,78	0,40	0,45
13	09.00-10.00	604,75	670,75	1441,78	0,42	0,47
14	14.00-15.00	329,75	641,00	1441,78	0,23	0,44
15	14.15-15.15	348,00	688,75	1441,78	0,24	0,48
16	14.30-15.30	365,50	732,25	1441,78	0,25	0,51
17	14.45-15.45	327,75	764,75	1441,78	0,23	0,53
18	15.00-16.00	345,50	769,50	1441,78	0,24	0,53

Selasa (Tidak ada parkir)

Pukul	Jumlah kendaraan						HV
	Arah Solo			Arah Wonogiri			
	HV	LV	MC	HV	LV	MC	
06.00-06.15		11	21		10	22	
06.15-06.30		12	27		11	23	
06.30-06.45		12	54		7	16	
06.45-07.00		17	80		10	24	
07.00-07.15		12	60		10	27	
07.15-07.30		8	60		4	28	
07.30-07.45		12	42		9	20	
07.45-08.00		11	46		10	23	
08.00-08.15		10	48		10	14	
08.15-08.30		13	41		10	20	
08.30-08.45		17	55		10	24	
08.45-09.00		13	33		10	20	
09.00-09.15		15	29		12	20	
09.15-09.30		12	28		10	15	
09.30-09.45		10	27		8	15	
09.45-10.00		9	18		7	15	
14.00-14.15		12	24		12	10	
14.15-14.30		14	25		12	15	
14.30-14.45		16	15		13	15	
14.45-15.00		12	15		11	20	
15.00-15.15		17	10		12	25	
15.15-15.30		15	10		11	12	
15.30-15.45		17	10		10	20	
15.45-16.00		14	15		11	23	

Sabtu (Tidak ada parkir)

Pukul	Jumlah kendaraan						
	Arah Solo			Arah Wonogiri			
	HV	LV	MC	HV	LV	MC	HV
06.00-06.15		8	13		6	16	
06.15-06.30		12	14		6	15	
06.30-06.45		12	18		9	15	
06.45-07.00		15	18	2	7	16	
07.00-07.15		14	15		9	19	
07.15-07.30		13	13		8	29	
07.30-07.45		11	14		9	24	
07.45-08.00		17	21		11	23	
08.00-08.15		15	15		11	23	
08.15-08.30		15	15		13	22	
08.30-08.45		14	16		11	23	
08.45-09.00		16	17		12	17	
09.00-09.15		11	15		10	21	
09.15-09.30		12	18		11	20	
09.30-09.45		15	18		7	14	
09.45-10.00		11	17		11	16	
14.00-14.15		9	11		11	14	

14.15-14.30		11	15		12	16	
14.30-14.45		12	16		10	18	
14.45-15.00		13	15		12	16	
15.00-15.15		11	18		11	10	
15.15-15.30		14	23		11	22	
15.30-15.45		12	22		11	22	
15.45-16.00		13	25		10	17	

Selasa (Ada parkir)

Pukul	Jumlah kendaraan						
	Arah Solo			Arah Wonogiri			
	HV	LV	MC	HV	LV	MC	
06.00-06.15		19	24		17	21	
06.15-06.30		23	23		21	21	
06.30-06.45		23	20		27	15	
06.45-07.00		15	15		24	23	
07.00-07.15		29	12		27	25	
07.15-07.30		25	11		26	26	
07.30-07.45		24	20		22	20	
07.45-08.00		28	20		30	21	
08.00-08.15		15	21		30	15	
08.15-08.30		40	21		26	18	
08.30-08.45		23	20		24	21	
08.45-09.00		23	22		22	19	
09.00-09.15		28	23		27	16	
09.15-09.30		29	20		37	10	
09.30-09.45		25	21		27	11	
09.45-10.00		20	21		11	11	
14.00-14.15		25	22		20	10	
14.15-14.30		26	24		34	12	
14.30-14.45		18	11		22	12	
14.45-15.00		14	10		28	17	
15.00-15.15		16	12		29	22	
15.15-15.30		22	11		21	9	
15.30-15.45		11	10		26	16	
15.45-16.00		13	10		13	22	

Sabtu (Ada parkir)

Pukul	Jumlah kendaraan						
	Arah Solo			Arah Wonogiri			
	HV	LV	MC	HV	LV	MC	
06.00-06.15		11	9		11	11	
06.15-06.30		25	10		27	15	
06.30-06.45		24	11		35	17	
06.45-07.00		36	9	2	49	12	
07.00-07.15		23	10		45	15	
07.15-07.30		33	12		34	20	
07.30-07.45		22	11		32	17	

07.45-08.00		31	12		38	12	
08.00-08.15		32	11		51	9	
08.15-08.30		36	12		36	8	
08.30-08.45		30	13		42	13	
08.45-09.00		35	10	1	46	12	
09.00-09.15		35	12		39	9	
09.15-09.30		47	10		44	14	
09.30-09.45		38	12		43	11	
09.45-10.00		45	13		26	12	
14.00-14.15		16	10		36	11	
14.15-14.30		31	11		52	10	
14.30-14.45		22	10		40	13	
14.45-15.00		25	11		26	11	
15.00-15.15		14	10		39	14	
15.15-15.30		17	12		26	12	
15.30-15.45		14	11		33	8	
15.45-16.00		15	9		47	9	

Tundaan (Selasa)

Pukul	Waktu rata-rata				Tundaan	
	(detik)				(detik)	
	Tidak ada parkir		Ada parkir			
	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri
	(1)	(2)	(3)	(4)	(5)=(3)-(1)	(6)=(4)-(2)
06.00-06.15	9,22	9,85	10,93	19,05	1,71	9,21
06.15-06.30	6,54	9,24	16,48	19,36	9,94	10,12
06.30-06.45	6,56	11,61	16,00	21,36	9,44	9,74
06.45-07.00	6,27	13,32	14,63	21,40	8,36	8,08
07.00-07.15	5,80	14,57	11,98	22,77	6,18	8,20
07.15-07.30	5,21	12,60	11,39	19,67	6,18	7,08
07.30-07.45	5,11	10,10	11,05	20,55	5,94	10,45
07.45-08.00	5,82	7,97	12,83	23,25	7,01	15,28
08.00-08.15	4,76	4,29	12,42	21,29	7,66	17,00
08.15-08.30	5,15	4,67	11,85	18,91	6,71	14,24
08.30-08.45	5,55	5,38	12,16	20,51	6,62	15,13
08.45-09.00	5,26	4,70	11,98	19,93	6,72	15,23
09.00-09.15	4,88	4,69	12,92	18,72	8,04	14,03
09.15-09.30	5,48	4,80	12,92	24,83	7,44	20,03
09.30-09.45	5,00	4,91	13,20	20,39	8,19	15,48
09.45-10.00	5,52	5,37	18,34	20,68	12,82	15,32
14.00-14.15	6,89	9,36	15,04	13,37	8,15	4,00
14.15-14.30	8,74	6,77	15,12	11,35	6,38	4,57
14.30-14.45	7,10	4,75	17,03	12,29	9,94	7,55
14.45-15.00	6,81	4,42	17,17	15,18	10,35	10,76
15.00-15.15	7,15	4,81	13,57	14,06	6,42	9,25
15.15-15.30	6,32	5,00	10,33	11,17	4,01	6,16
15.30-15.45	6,41	4,33	11,52	12,93	5,12	8,60
15.45-16.00	6,90	4,88	12,96	13,86	6,06	8,97

Tundaan (Sabtu)

	Waktu rata-rata		Tundaan	
	(detik)		(detik)	

Pukul

Pukul	Tidak ada parkir		Ada parkir			
	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri
	(1)	(2)	(3)	(4)	(5)=(3)-(1)	(6)=(4)-(2)
06.00-06.15	5,62	6,68	25,45	20,18	19,83	13,50
06.15-06.30	7,38	8,30	32,94	19,48	25,56	11,18
06.30-06.45	7,00	7,75	54,77	19,73	47,77	11,98
06.45-07.00	8,55	7,00	45,22	19,35	36,68	12,35
07.00-07.15	6,62	6,00	32,21	17,55	25,59	11,55
07.15-07.30	7,54	6,32	24,09	15,57	16,55	9,25
07.30-07.45	7,20	5,80	37,27	18,45	30,07	12,65
07.45-08.00	5,68	5,86	51,19	22,06	45,50	16,20
08.00-08.15	5,77	5,65	53,09	22,33	47,33	16,69
08.15-08.30	6,67	5,69	55,60	21,91	48,94	16,22
08.30-08.45	5,73	6,49	29,63	28,96	23,89	22,47
08.45-09.00	5,58	6,33	10,13	20,85	4,55	14,52
09.00-09.15	5,69	6,98	27,89	22,52	22,20	15,54
09.15-09.30	6,76	6,61	47,60	20,81	40,84	14,20
09.30-09.45	7,00	7,35	43,54	20,04	36,54	12,69
09.45-10.00	5,75	6,71	44,53	25,03	38,78	18,32
14.00-14.15	8,05	5,72	16,81	16,26	8,76	10,54
14.15-14.30	6,77	5,75	12,69	16,98	5,92	11,23
14.30-14.45	6,64	6,18	22,50	19,47	15,86	13,29
14.45-15.00	6,43	5,14	27,68	21,54	21,25	16,40
15.00-15.15	5,59	5,38	13,29	19,00	7,71	13,62
15.15-15.30	5,68	5,82	20,83	21,34	15,15	15,52
15.30-15.45	6,18	5,09	24,60	17,15	18,42	12,06
15.45-16.00	10,27	7,00	24,58	19,59	14,31	12,59

Waktu (detik)					Waktu rata-rata (detik)	
Arah Solo		Arah Wonogiri			Arah Solo	Arah Wonogiri
LV	MC	HV	LV	MC		
8,91	9,38		10,5	9,55	9,22	9,85
10,33	4,85		10	8,87	6,54	9,24
10,08	5,78		6,43	13,88	6,56	11,61
7,65	5,98		5,7	16,5	6,27	13,32
6,42	5,67		7,2	17,3	5,80	14,57
5,25	5,2		7,75	13,29	5,21	12,60
6,08	4,83		5,44	12,2	5,11	10,10
7,55	5,41		6,3	8,7	5,82	7,97
5,9	4,52		3,5	4,86	4,76	4,29
5,92	4,9		5,5	4,25	5,15	4,67
7,47	4,95		6,4	4,96	5,55	5,38
5,85	5,03		5,7	4,2	5,26	4,70
5,93	4,34		5,08	4,45	4,88	4,69
6	5,25		5,3	4,47	5,48	4,80
6,2	4,56		5,63	4,53	5,00	4,91
6,44	5,06		6	5,07	5,52	5,37
8,25	6,21		5,75	13,7	6,89	9,36
12,71	6,52		4,58	8,53	8,74	6,77
7,38	6,8		5,23	4,33	7,10	4,75
7,83	6		4,82	4,2	6,81	4,42
7,59	6,4		5,67	4,4	7,15	4,81
6,2	6,5		4,82	5,17	6,32	5,00
5,88	7,3		4,4	4,3	6,41	4,33
6,71	7,07		4,91	4,87	6,90	4,88

Waktu (detik)					Waktu rata-rata (detik)	
Arah Solo		Arah Wonogiri			Arah Solo	Arah Wonogiri
LV	MC	HV	LV	MC		
7,50	4,46		8,50	6,00	5,62	6,68
8,17	6,71		7,00	8,82	7,38	8,30
8,33	6,11		7,22	8,07	7,00	7,75
8,73	8,39	6,50	5,86	7,56	8,55	7,00
6,43	6,80		6,22	5,89	6,62	6,00
7,38	7,69		6,38	6,31	7,54	6,32
7,18	7,21		5,00	6,11	7,20	5,80
6,00	5,43		5,67	5,95	5,68	5,86
6,60	4,93		6,09	5,43	5,77	5,65
7,47	5,87		5,09	6,04	6,67	5,69
6,00	5,50		5,91	6,77	5,73	6,49
5,57	5,59		6,00	6,56	5,58	6,33
6,64	5,00		5,60	7,64	5,69	6,98
8,73	5,44		5,91	7,00	6,76	6,61
8,00	6,17		8,71	6,67	7,00	7,35
6,00	5,59		6,73	6,70	5,75	6,71
10,22	6,27		5,73	5,71	8,05	5,72

8,82	5,27		6,33	5,31	6,77	5,75
7,67	5,88		6,10	6,22	6,64	6,18
8,46	4,67		4,75	5,44	6,43	5,14
5,82	5,44		5,27	5,50	5,59	5,38
5,64	5,70		5,73	5,86	5,68	5,82
7,42	5,50		5,27	5,00	6,18	5,09
8,00	11,45		5,30	8,00	10,27	7,00

Waktu (detik)					Waktu rata-rata (detik)	
Arah Solo		Arah Wonogiri			Arah Solo	Arah Wonogiri
LV	MC	HV	LV	MC		
11,16	10,75		20,18	18,14	10,93	19,05
11,70	21,26		20,33	18,38	16,48	19,36
14,35	17,90		22,74	18,87	16,00	21,36
11,67	17,60		22,00	20,78	14,63	21,40
13,38	8,58		25,04	20,32	11,98	22,77
11,40	11,36		18,65	20,69	11,39	19,67
10,96	11,15		21,27	19,75	11,05	20,55
11,36	14,90		25,07	20,67	12,83	23,25
13,67	11,52		20,93	22,00	12,42	21,29
12,45	10,71		20,46	16,67	11,85	18,91
12,65	11,60		22,33	18,43	12,16	20,51
12,35	11,60		20,27	19,53	11,98	19,93
13,25	12,52		20,22	16,19	12,92	18,72
11,79	14,55		24,86	24,70	12,92	24,83
14,32	11,86		20,26	20,73	13,20	20,39
21,20	15,62		23,00	18,36	18,34	20,68
18,80	10,77		10,80	18,50	15,04	13,37
18,19	11,79		9,79	15,75	15,12	11,35
19,67	12,73		7,50	21,08	17,03	12,29
20,71	12,20		13,07	18,65	17,17	15,18
14,38	12,50		10,14	19,23	13,57	14,06
9,32	12,36		8,52	17,33	10,33	11,17
10,18	13,00		11,12	15,88	11,52	12,93
11,69	14,60		9,23	16,59	12,96	13,86

Waktu (detik)					Waktu rata-rata (detik)	
Arah Solo		Arah Wonogiri			Arah Solo	Arah Wonogiri
LV	MC	HV	LV	MC		
35,73	12,89		24,73	15,64	25,45	20,18
40,32	14,50		22,74	13,60	32,94	19,48
75,33	9,91		20,77	17,59	54,77	19,73
53,47	12,22	17,00	20,14	16,50	45,22	19,35
41,13	11,70		18,27	15,40	32,21	17,55
27,94	13,50		16,24	14,45	24,09	15,57
47,95	15,91		20,38	14,82	37,27	18,45

65,52	14,17		23,58	17,25	51,19	22,06
66,16	15,09		23,73	14,44	53,09	22,33
69,61	13,58		22,64	18,63	55,60	21,91
36,50	13,77		33,33	14,85	29,63	28,96
9,74	11,50	34,00	21,65	16,67	10,13	20,85
32,89	13,33		24,36	14,56	27,89	22,52
55,49	10,50		22,82	14,50	47,60	20,81
53,24	12,83		21,51	14,27	43,54	20,04
53,47	13,62		28,04	18,50	44,53	25,03
18,88	13,50		14,39	22,36	16,81	16,26
12,48	13,27		15,67	23,80	12,69	16,98
27,68	11,10		15,78	30,85	22,50	19,47
33,65	14,09		17,23	31,73	27,68	21,54
14,29	11,90		15,46	28,86	13,29	19,00
23,18	17,50		16,35	32,17	20,83	21,34
32,57	14,45		14,58	27,75	24,60	17,15
30,27	15,11		17,13	32,44	24,58	19,59

Minggu

No	Pukul	Volume			
		Arah Wonogiri		Arah Solo	
		smp/15'	smp/jam	smp/15'	smp/jam
1	06.00-06.15	57,80		51,60	
2	06.15-06.30	32,00		75,40	
3	06.30-06.45	91,00		86,00	
4	06.45-07.00	77,00	257,80	83,60	296,60
5	07.00-07.15	108,00	308,00	68,00	313,00
6	07.15-07.30	151,20	427,20	68,00	305,60
7	07.30-07.45	113,00	449,20	70,60	290,20
8	07.45-08.00	116,40	488,60	124,70	331,30
9	08.00-08.15	152,10	532,70	97,60	360,90
10	08.15-08.30	179,80	561,30	84,10	377,00
11	08.30-08.45	146,40	594,70	105,00	411,40
12	08.45-09.00	130,60	608,90	97,60	384,30
13	09.00-09.15	107,40	564,20	87,20	373,90
14	09.15-09.30	126,80	511,20	123,00	412,80
15	09.30-09.45	101,60	466,40	115,00	422,80
16	09.45-10.00	148,10	483,90	115,20	440,40
17	14.00-14.15	106,80		56,20	
18	14.15-14.30	132,50		97,20	
19	14.30-14.45	130,00		99,00	
20	14.45-15.00	140,00	509,30	106,80	359,20
21	15.00-15.15	95,80	498,30	95,80	398,80
22	15.15-15.30	149,10	514,90	104,00	405,60
23	15.30-15.45	148,20	533,10	92,60	399,20
24	15.45-16.00	123,40	516,50	98,30	390,70

Selasa

No	Pukul	Volume			
		Arah Wonogiri		Arah Solo	
		smp/15'	smp/jam	smp/15'	smp/jam
1	06.00-06.15	37,50		30,50	
2	06.15-06.30	86,00		93,50	
3	06.30-06.45	120,75		154,50	
4	06.45-07.00	184,25	428,50	166,00	444,50
5	07.00-07.15	152,50	543,50	112,00	526,00
6	07.15-07.30	165,00	622,50	110,75	543,25
7	07.30-07.45	134,00	635,75	131,25	520,00
8	07.45-08.00	103,75	555,25	139,25	493,25
9	08.00-08.15	155,00	557,75	126,50	507,75
10	08.15-08.30	145,50	538,25	138,00	535,00
11	08.30-08.45	150,00	554,25	126,50	530,25
12	08.45-09.00	144,75	595,25	137,25	528,25
13	09.00-09.15	152,25	592,50	121,25	523,00
14	09.15-09.30	162,00	609,00	164,50	549,50
15	09.30-09.45	166,50	625,50	131,00	554,00
16	09.45-10.00	158,25	639,00	130,00	546,75
17	14.00-14.15	162,00		99,00	

18	14.15-14.30	153,50		96,25	
19	14.30-14.45	165,25		118,00	
20	14.45-15.00	162,00	642,75	84,00	397,25
21	15.00-15.15	166,25	647,00	116,50	414,75
22	15.15-15.30	147,50	641,00	117,00	435,50
23	15.30-15.45	134,25	610,00	83,50	401,00
24	15.45-16.00	144,00	592,00	86,00	403,00

KECEPATAN

Selasa

Pukul	Kecepatan rata-rata (km/jam)				Kecepatan rata-rata	
	Tidak ada parkir		Ada parkir		Tidak ada parkir	
	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri
06.00-06.15	21,89	20,69	33,90	19,52		
06.15-06.30	36,68	21,31	25,49	19,37		
06.30-06.45	30,68	19,96	24,86	18,18		
06.45-07.00	31,60	16,32	26,40	17,48	30,21	19,57
07.00-07.15	33,72	15,14	34,54	16,48	33,17	18,18
07.15-07.30	36,15	15,34	35,18	19,12	33,04	16,69
07.30-07.45	37,00	21,21	37,03	18,29	34,62	17,00
07.45-08.00	33,32	25,03	30,84	16,47	35,05	19,18
08.00-08.15	39,76	45,75	33,16	18,13	36,56	26,83
08.15-08.30	37,10	40,66	34,71	27,97	36,79	33,16
08.30-08.45	36,03	37,74	36,56	16,25	36,55	37,30
08.45-09.00	36,83	41,50	32,85	18,89	37,43	41,41
09.00-09.15	39,11	39,80	32,20	20,50	37,27	39,93
09.15-09.30	40,05	39,07	31,38	15,00	38,00	39,53
09.30-09.45	37,81	38,25	30,43	18,31	38,45	39,65
09.45-10.00	33,69	34,73	21,44	18,05	37,66	37,96
14.00-14.15	29,28	26,53	28,54	35,87		
14.15-14.30	26,71	32,41	26,09	40,63		
14.30-14.45	26,34	39,83	23,33	47,58		
14.45-15.00	28,32	43,65	23,81	35,72	27,66	35,61
15.00-15.15	27,07	40,47	30,65	37,26	27,11	39,09
15.15-15.30	30,74	37,18	38,74	47,63	28,12	40,28
15.30-15.45	30,98	43,06	33,31	40,63	29,28	41,09
15.45-16.00	27,88	37,77	31,16	33,36	29,17	39,62

Senin

No	Pukul	Volume			
		Arah Wonogiri		Arah Solo	
		smp/15'	smp/jam	smp/15'	smp/jam
1	06.00-06.15	105,50		112,75	
2	06.15-06.30	120,50		131,25	
3	06.30-06.45	92,75		176,25	
4	06.45-07.00	152,95	471,70	218,00	638,25
5	07.00-07.15	153,75	519,95	165,00	690,50
6	07.15-07.30	88,75	488,20	121,75	681,00
7	07.30-07.45	107,00	502,45	156,00	660,75
8	07.45-08.00	138,75	488,25	142,20	584,95
9	08.00-08.15	85,40	419,90	124,25	544,20
10	08.15-08.30	138,00	469,15	161,50	583,95
11	08.30-08.45	132,00	494,15	154,95	582,90
12	08.45-09.00	128,25	483,65	126,70	567,40
13	09.00-09.15	142,50	540,75	109,00	552,15
14	09.15-09.30	121,00	523,75	102,75	493,40
15	09.30-09.45	93,25	485,00	98,85	437,30
16	09.45-10.00	85,00	441,75	90,50	401,10
17	14.00-14.15	95,20		89,25	
18	14.15-14.30	129,45		99,20	
19	14.30-14.45	139,50		104,75	
20	14.45-15.00	129,00	493,15	71,00	364,20
21	15.00-15.15	147,25	545,20	80,50	355,45
22	15.15-15.30	108,00	523,75	85,25	341,50
23	15.30-15.45	111,25	495,50	61,20	297,95
24	15.45-16.00	140,00	506,50	69,50	296,45

Sabtu

No	Pukul	Volume			
		Arah Wonogiri		Arah Solo	
		smp/15'	smp/jam	smp/15'	smp/jam
1	06.00-06.15	81,25		65,95	
2	06.15-06.30	105,75		87,00	
3	06.30-06.45	156,15		158,50	
4	06.45-07.00	191,75	534,90	151,25	462,70
5	07.00-07.15	150,75	604,40	115,50	512,25
6	07.15-07.30	152,25	650,90	138,50	563,75
7	07.30-07.45	134,00	628,75	112,50	517,75
8	07.45-08.00	152,75	589,75	129,25	495,75
9	08.00-08.15	151,25	590,25	120,50	500,75
10	08.15-08.30	129,50	567,50	127,00	489,25
11	08.30-08.45	166,00	599,50	140,25	517,00
12	08.45-09.00	167,50	614,25	134,25	522,00
13	09.00-09.15	165,75	628,75	145,25	546,75
14	09.15-09.30	162,00	661,25	147,00	566,75
15	09.30-09.45	158,50	653,75	150,50	577,00
16	09.45-10.00	184,50	670,75	162,00	604,75
17	14.00-14.15	129,25		64,50	

18	14.15-14.30	182,00		77,25	
19	14.30-14.45	142,00		113,00	
20	14.45-15.00	187,75	641,00	75,00	329,75
21	15.00-15.15	177,00	688,75	82,75	348,00
22	15.15-15.30	225,50	732,25	94,75	365,50
23	15.30-15.45	174,50	764,75	75,25	327,75
24	15.45-16.00	192,50	769,50	92,75	345,50

Kecepatan rata (km/jam)	
Ada parkir	
Arah Solo	Arah Wonogiri
27,66	18,64
27,82	17,88
30,24	17,81
33,29	17,84
34,40	17,59
34,05	18,00
33,93	20,22
33,82	19,71
34,32	20,31
34,08	20,90
33,25	17,66
31,71	18,17
28,86	17,96
25,44	39,95
25,97	40,30
29,13	42,05
31,63	40,31
33,47	39,72

Sabtu

Pukul	Kecepatan rata	
	Tidak ada parkir	
	Arah Solo	Arah Wonogiri
06.00-06.15	37,41	31,15
06.15-06.30	25,81	27,91
06.30-06.45	25,00	26,29
06.45-07.00	24,09	27,53
07.00-07.15	29,15	31,80
07.15-07.30	25,08	30,66
07.30-07.45	27,54	32,87
07.45-08.00	33,61	32,25
08.00-08.15	34,42	33,68
08.15-08.30	31,40	34,18
08.30-08.45	34,84	30,32
08.45-09.00	32,63	29,80
09.00-09.15	34,96	28,39
09.15-09.30	31,77	29,39
09.30-09.45	28,67	29,05
09.45-10.00	32,75	31,77
14.00-14.15	25,17	33,45
14.15-14.30	31,18	34,11
14.30-14.45	31,14	31,97
14.45-15.00	33,22	37,89
15.00-15.15	34,49	35,76
15.15-15.30	33,30	33,22
15.30-15.45	33,66	37,20
15.45-16.00	34,30	36,02

-rata (km/jam)		Kecepatan rata-rata (km/jam)			
Ada parkir		Tidak ada parkir		Ada parkir	
Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri	Arah Solo	Arah Wonogiri
18,77	20,09				
15,13	22,22				
21,15	20,01				
11,93	20,26	28,08	28,22	16,75	20,64
17,37	23,06	26,01	28,39	16,39	21,39
18,15	24,57	25,83	29,07	17,15	21,97
15,31	22,06	26,46	30,72	15,69	22,49
11,54	18,09	28,84	31,89	15,59	21,95
10,71	17,36	30,16	32,36	13,93	20,52
11,02	18,27	31,74	33,24	12,15	18,95
40,00	17,36	33,57	32,60	18,32	17,77
49,26	19,96	33,32	31,99	27,75	18,23
30,25	18,77	33,46	30,67	32,63	18,59
11,70	19,21	33,55	29,47	32,80	18,82
12,55	19,95	32,01	29,16	25,94	19,47
11,63	16,70	32,03	29,65	16,53	18,66
25,42	25,96				
32,38	25,88				
19,87	23,24				
17,19	21,39	30,18	34,36	23,72	24,12
31,97	22,00	32,51	34,93	25,35	23,13
21,90	18,63	33,04	34,71	22,73	21,32
22,00	25,78	33,67	36,02	23,26	21,95
18,08	20,53	33,94	35,55	23,49	21,73

Lampiran 1

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Minggu/ 11 Juni 2006

Survei : Aris, Warsito, Budi R , Agung

Arah : Solo - Wonogiri dan Wonogiri - Solo

No.	Waktu	Volume lalu lintas (kendaraan/15')								Volume lalu lintas (smp/15')						Total volume lalu lintas (smp/15')	Volume lalu lintas (smp/jam)	Total volume lalu lintas (smp/15')
		Arah Wonogiri				Arah Solo				Arah Wonogiri			Arah Solo			(smp/15')	(smp/jam)	(smp/15')
		HV	LV	MC	UM	HV	LV	MC	UM	HV	LV	MC	HV	LV	MC	Arah Wonogiri	Arah Wonogiri	Arah Solo
		(1)	(2)	(3)		(4)	(5)	(6)		(10)= [(1)x1,3]	(11)= [(2)x1,0]	(12)= [(3)x0,4]	(13)= [(4)x1,3]	(14)= [(5)x1,0]	(15)= [(6)x0,4]	(16)= (10)+(11)+(12)		(17)= (13)+(14)+(15)
1	06.00-06.15		13	112	17		20	79	23	0,00	13,00	44,80	0,00	20,00	31,60	57,80		51,60
2	06.15-06.30		10	55	12		37	96	27	0,00	10,00	22,00	0,00	37,00	38,40	32,00		75,40
3	06.30-06.45		45	115	15		36	125	15	0,00	45,00	46,00	0,00	36,00	50,00	91,00		86,00
4	06.45-07.00		27	125	9		28	139	8	0,00	27,00	50,00	0,00	28,00	55,60	77,00	257,80	83,60
5	07.00-07.15		50	145	19		26	105	3	0,00	50,00	58,00	0,00	26,00	42,00	108,00	308,00	68,00
6	07.15-07.30		50	253	20		28	100	24	0,00	50,00	101,20	0,00	28,00	40,00	151,20	427,20	68,00
7	07.30-07.45		45	170	9		27	109	7	0,00	45,00	68,00	0,00	27,00	43,60	113,00	449,20	70,60
8	07.45-08.00		70	116	12	3	62	147	30	0,00	70,00	46,40	3,90	62,00	58,80	116,40	488,60	124,70
9	08.00-08.15	1	70	202	20		48	124	23	1,30	70,00	80,80	0,00	48,00	49,60	152,10	532,70	97,60
10	08.15-08.30		97	207	16	1	38	112	23	0,00	97,00	82,80	1,30	38,00	44,80	179,80	561,30	84,10
11	08.30-08.45		68	196	19		57	120	16	0,00	68,00	78,40	0,00	57,00	48,00	146,40	594,70	105,00
12	08.45-09.00		75	139	14		50	119	13	0,00	75,00	55,60	0,00	50,00	47,60	130,60	608,90	97,60
13	09.00-09.15		61	116	11		50	93	14	0,00	61,00	46,40	0,00	50,00	37,20	107,40	564,20	87,20
14	09.15-09.30		66	152	4		71	130	23	0,00	66,00	60,80	0,00	71,00	52,00	126,80	511,20	123,00
15	09.30-09.45		24	194	5		71	110	14	0,00	24,00	77,60	0,00	71,00	44,00	101,60	466,40	115,00
16	09.45-10.00	1	64	207	10		60	138	29	1,30	64,00	82,80	0,00	60,00	55,20	148,10	483,90	115,20
17	14.00-14.15		58	122	9		29	68	4	0,00	58,00	48,80	0,00	29,00	27,20	106,80		56,20
18	14.15-14.30	1	74	143	9		50	118	9	1,30	74,00	57,20	0,00	50,00	47,20	132,50		97,20
19	14.30-14.45		64	165	1		51	120	5	0,00	64,00	66,00	0,00	51,00	48,00	130,00		99,00
20	14.45-15.00		82	145	11		62	112	11	0,00	82,00	58,00	0,00	62,00	44,80	140,00	509,30	106,80
21	15.00-15.15		65	77	2		47	122	5	0,00	65,00	30,80	0,00	47,00	48,80	95,80	498,30	95,80
22	15.15-15.30	1	65	207	8		50	135	10	1,30	65,00	82,80	0,00	50,00	54,00	149,10	514,90	104,00
23	15.30-15.45		65	208	2	2	38	130	13	0,00	65,00	83,20	2,60	38,00	52,00	148,20	533,10	92,60
24	15.45-16.00		61	156		1	37	150	9	0,00	61,00	62,40	1,30	37,00	60,00	123,40	516,50	98,30

Lampiran 2

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Senin/ 12 Juni 2006

urveyor : Aris, Warsito, Budi R , Agung

Jalan : Solo - Wonogiri dan Wonogiri - Solo

No.	Waktu	Volume lalu lintas (kendaraan/15')								Volume lalu lintas (smp/15')						Total volume lalu lintas	Volume lalu lintas	Total volume lalu lintas
		Arah Wonogiri				Arah Solo				Arah Wonogiri			Arah Solo			(smp/15')	(smp/jam)	(smp/15')
		HV	LV	MC	UM	HV	LV	MC	UM	HV	LV	MC	HV	LV	MC	Arah Wonogiri	Arah Wonogiri	Arah Solo
		(1)	(2)	(3)		(4)	(5)	(6)		(10)= [(1)x1,2]	(11)= [(2)x1,0]	(12)= [(3)x0,25]	(13)= [(4)x1,2]	(14)= [(5)x1,0]	(15)= [(6)x0,25]	(16)= (10)+(11)+(12)		(17)= (13)+(14)+(15)
1	06.00-06.15		56	198	30		64	195	21	0,00	56,00	49,50	0,00	64,00	48,75	105,50		112,75
2	06.15-06.30		68	210	24		75	225	15	0,00	68,00	52,50	0,00	75,00	56,25	120,50		131,25
3	06.30-06.45		61	127	18		90	345	21	0,00	61,00	31,75	0,00	90,00	86,25	92,75		176,25
4	06.45-07.00	1	97	219	16		73	580	10	1,20	97,00	54,75	0,00	73,00	145,00	152,95	471,70	218,00
5	07.00-07.15		92	247	7		71	376	12	0,00	92,00	61,75	0,00	71,00	94,00	153,75	519,95	165,00
6	07.15-07.30		23	263	14		40	327	11	0,00	23,00	65,75	0,00	40,00	81,75	88,75	488,20	121,75
7	07.30-07.45		64	172	13		67	356	11	0,00	64,00	43,00	0,00	67,00	89,00	107,00	502,45	156,00
8	07.45-08.00		90	195	27	1	63	312	19	0,00	90,00	48,75	1,20	63,00	78,00	138,75	488,25	142,20
9	08.00-08.15	2	61	88	16		40	337	10	2,40	61,00	22,00	0,00	40,00	84,25	85,40	419,90	124,25
10	08.15-08.30		95	172	16		74	350	8	0,00	95,00	43,00	0,00	74,00	87,50	138,00	469,15	161,50
11	08.30-08.45		82	200	15	6	66	327	15	0,00	82,00	50,00	7,20	66,00	81,75	132,00	494,15	154,95
12	08.45-09.00		84	177	18	1	67	234	21	0,00	84,00	44,25	1,20	67,00	58,50	128,25	483,65	126,70
13	09.00-09.15		103	158	8		57	208	29	0,00	103,00	39,50	0,00	57,00	52,00	142,50	540,75	109,00
14	09.15-09.30		95	104	17		49	215	10	0,00	95,00	26,00	0,00	49,00	53,75	121,00	523,75	102,75
15	09.30-09.45		65	113	15	3	38	229	19	0,00	65,00	28,25	3,60	38,00	57,25	93,25	485,00	98,85
16	09.45-10.00		57	112	16		52	154	9	0,00	57,00	28,00	0,00	52,00	38,50	85,00	441,75	90,50
17	14.00-14.15	1	76	72	12		35	217	4	1,20	76,00	18,00	0,00	35,00	54,25	95,20		89,25
18	14.15-14.30	1	99	117	15	1	38	240	4	1,20	99,00	29,25	1,20	38,00	60,00	129,45		99,20
19	14.30-14.45		110	118	11		69	143	10	0,00	110,00	29,50	0,00	69,00	35,75	139,50		104,75
20	14.45-15.00		87	168	8		40	124	9	0,00	87,00	42,00	0,00	40,00	31,00	129,00	493,15	71,00
21	15.00-15.15		96	205	9		60	82	10	0,00	96,00	51,25	0,00	60,00	20,50	147,25	545,20	80,50
22	15.15-15.30		86	88	12		62	93	15	0,00	86,00	22,00	0,00	62,00	23,25	108,00	523,75	85,25
23	15.30-15.45		73	153	6	1	40	80	5	0,00	73,00	38,25	1,20	40,00	20,00	111,25	495,50	61,20
24	15.45-16.00		88	208	12		42	110	7	0,00	88,00	52,00	0,00	42,00	27,50	140,00	506,50	69,50

Lampiran 3

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Selasa/ 29 Agustus 2006

Surveyor : Widi, Krisna, Muna, Nino

Arah : Solo - Wonogiri dan Wonogiri - Solo

No.	Waktu	Volume lalulintas (kendaraan/15')								Volume lalulintas (smp/15')						Total volume lalulintas	Volume lalulintas	Total volume lalulintas
		Arah Wonogiri				Arah Solo				Arah Wonogiri			Arah Solo			(smp/15')	(smp/jam)	(smp/15')
		HV	LV	MC	UM	HV	LV	MC	UM	HV	LV	MC	HV	LV	MC	Arah Wonogiri	Arah Wonogiri	Arah Solo
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=	(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=	(17)=
										[(1)x1,2]	[(2)x1,0]	[(3)x0,25]	[(4)x1,2]	[(5)x1,0]	[(6)x0,25]	(10)+(11)+(12)		(13)+(14)+(15)
1	06.00-06.15		22	62	5		16	58	1	0,00	22,00	15,50	0,00	16,00	14,50	37,50		30,50
2	06.15-06.30		47	156	8		46	190	15	0,00	47,00	39,00	0,00	46,00	47,50	86,00		93,50
3	06.30-06.45		60	243	28		64	362	21	0,00	60,00	60,75	0,00	64,00	90,50	120,75		154,50
4	06.45-07.00		90	377	33		72	376	23	0,00	90,00	94,25	0,00	72,00	94,00	184,25	428,50	166,00
5	07.00-07.15		70	330	12		60	208	21	0,00	70,00	82,50	0,00	60,00	52,00	152,50	543,50	112,00
6	07.15-07.30		78	348	32		48	251	18	0,00	78,00	87,00	0,00	48,00	62,75	165,00	622,50	110,75
7	07.30-07.45		60	296	25		70	245	23	0,00	60,00	74,00	0,00	70,00	61,25	134,00	635,75	131,25
8	07.45-08.00		62	167	23		64	301	19	0,00	62,00	41,75	0,00	64,00	75,25	103,75	555,25	139,25
9	08.00-08.15		89	264	21		57	278	19	0,00	89,00	66,00	0,00	57,00	69,50	155,00	557,75	126,50
10	08.15-08.30		88	230	19		76	248	8	0,00	88,00	57,50	0,00	76,00	62,00	145,50	538,25	138,00
11	08.30-08.45		95	220	15		59	270	5	0,00	95,00	55,00	0,00	59,00	67,50	150,00	554,25	126,50
12	08.45-09.00		90	219	21		75	249	14	0,00	90,00	54,75	0,00	75,00	62,25	144,75	595,25	137,25
13	09.00-09.15		101	205	17		69	209	7	0,00	101,00	51,25	0,00	69,00	52,25	152,25	592,50	121,25
14	09.15-09.30		106	224	12		106	234	8	0,00	106,00	56,00	0,00	106,00	58,50	162,00	609,00	164,50
15	09.30-09.45		110	226	25		78	212	11	0,00	110,00	56,50	0,00	78,00	53,00	166,50	625,50	131,00
16	09.45-10.00		105	213	12		76	216	1	0,00	105,00	53,25	0,00	76,00	54,00	158,25	639,00	130,00
17	14.00-14.15		82	320	11		35	256		0,00	82,00	80,00	0,00	35,00	64,00	162,00		99,00
18	14.15-14.30		84	278	7		38	233	19	0,00	84,00	69,50	0,00	38,00	58,25	153,50		96,25
19	14.30-14.45		98	269	18		69	196	16	0,00	98,00	67,25	0,00	69,00	49,00	165,25		118,00
20	14.45-15.00		106	224	8		40	176	6	0,00	106,00	56,00	0,00	40,00	44,00	162,00	642,75	84,00
21	15.00-15.15		102	257	16		60	226	6	0,00	102,00	64,25	0,00	60,00	56,50	166,25	647,00	116,50
22	15.15-15.30		75	290	14		62	220	12	0,00	75,00	72,50	0,00	62,00	55,00	147,50	641,00	117,00
23	15.30-15.45		74	241	11		40	174	8	0,00	74,00	60,25	0,00	40,00	43,50	134,25	610,00	83,50
24	15.45-16.00		81	252	13		42	176	25	0,00	81,00	63,00	0,00	42,00	44,00	144,00	592,00	86,00

Lampiran 4

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Sabtu/ 2 September 2006

irvey : Ika, Bagus, Muna, Heri C

ah ar : Solo - Wonogiri dan Wonogiri - Solo

No.	Waktu	Volume lalulintas (kendaraan/15')								Volume lalulintas (smp/15')						Total volume lalulintas	Volume lalulintas	Total volume lalulintas
		Arah Wonogiri				Arah Solo				Arah Wonogiri			Arah Solo			(smp/15')	(smp/jam)	(smp/15')
		HV	LV	MC	UM	HV	LV	MC	UM	HV	LV	MC	HV	LV	MC	Arah Wonogiri	Arah Wonogiri	Arah Solo
		(1)	(2)	(3)		(4)	(5)	(6)		(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=		(17)=
										[(1)x1,2]	[(2)x1,0]	[(3)x0,25]	[(4)x1,2]	[(5)x1,0]	[(6)x0,25]	(10)+(11)+(12)		(13)+(14)+(15)
1	06.00-06.15		44	149	19	1	38	107	11	0,00	44,00	37,25	1,20	38,00	26,75	81,25		65,95
2	06.15-06.30		54	207	24		46	164	5	0,00	54,00	51,75	0,00	46,00	41,00	105,75		87,00
3	06.30-06.45	2	81	291	24		61	390	19	2,40	81,00	72,75	0,00	61,00	97,50	156,15		158,50
4	06.45-07.00		108	335	17		81	281	13	0,00	108,00	83,75	0,00	81,00	70,25	191,75	534,90	151,25
5	07.00-07.15		84	267	17		62	214	40	0,00	84,00	66,75	0,00	62,00	53,50	150,75	604,40	115,50
6	07.15-07.30		74	313	13		75	254	11	0,00	74,00	78,25	0,00	75,00	63,50	152,25	650,90	138,50
7	07.30-07.45		59	300	19		58	218	7	0,00	59,00	75,00	0,00	58,00	54,50	134,00	628,75	112,50
8	07.45-08.00		84	275	16		77	209	5	0,00	84,00	68,75	0,00	77,00	52,25	152,75	589,75	129,25
9	08.00-08.15		88	253	14		69	206	5	0,00	88,00	63,25	0,00	69,00	51,50	151,25	590,25	120,50
10	08.15-08.30		74	222	21		68	236	5	0,00	74,00	55,50	0,00	68,00	59,00	129,50	567,50	127,00
11	08.30-08.45		93	292	19		87	213	7	0,00	93,00	73,00	0,00	87,00	53,25	166,00	599,50	140,25
12	08.45-09.00		101	266	9		96	153	3	0,00	101,00	66,50	0,00	96,00	38,25	167,50	614,25	134,25
13	09.00-09.15		98	271	7		84	245		0,00	98,00	67,75	0,00	84,00	61,25	165,75	628,75	145,25
14	09.15-09.30		108	216	19		93	216	1	0,00	108,00	54,00	0,00	93,00	54,00	162,00	661,25	147,00
15	09.30-09.45		94	258	10		99	206	2	0,00	94,00	64,50	0,00	99,00	51,50	158,50	653,75	150,50
16	09.45-10.00		110	298	15		107	220	2	0,00	110,00	74,50	0,00	107,00	55,00	184,50	670,75	162,00
17	14.00-14.15		81	193	7		35	118	5	0,00	81,00	48,25	0,00	35,00	29,50	129,25		64,50
18	14.15-14.30		117	260	16		38	157	3	0,00	117,00	65,00	0,00	38,00	39,25	182,00		77,25
19	14.30-14.45		74	272	9		69	176	5	0,00	74,00	68,00	0,00	69,00	44,00	142,00		113,00
20	14.45-15.00		107	323	8		40	140	6	0,00	107,00	80,75	0,00	40,00	35,00	187,75	641,00	75,00
21	15.00-15.15		97	320	9		60	91	3	0,00	97,00	80,00	0,00	60,00	22,75	177,00	688,75	82,75
22	15.15-15.30		143	330	10		62	131	6	0,00	143,00	82,50	0,00	62,00	32,75	225,50	732,25	94,75
23	15.30-15.45		91	334	10		40	141	2	0,00	91,00	83,50	0,00	40,00	35,25	174,50	764,75	75,25
24	15.45-16.00		103	358	11		42	203	2	0,00	103,00	89,50	0,00	42,00	50,75	192,50	769,50	92,75

Volume
lalulintas
(smp/jam)
Arah Solo
296,60
313,00
305,60
290,20
331,30
360,90
377,00
411,40
384,30
373,90
412,80
422,80
440,40
359,20
398,80
405,60
399,20
390,70

Volume
lalulintas
(smp/jam)
Arah Solo
638,25
690,50
681,00
660,75
584,95
544,20
583,95
582,90
567,40
552,15
493,40
437,30
401,10
364,20
355,45
341,50
297,95
296,45

Volume
lalulintas
(smp/jam)
Arah Solo
444,50
526,00
543,25
520,00
493,25
507,75
535,00
530,25
528,25
523,00
549,50
554,00
546,75
397,25
414,75
435,50
401,00
403,00

Volume
lalulintas
(smp/jam)
Arah Solo
462,70
512,25
563,75
517,75
495,75
500,75
489,25
517,00
522,00
546,75
566,75
577,00
604,75
329,75
348,00
365,50
327,75
345,50

Lampiran 1 (Selasa, 29 Agustus 2006), Tidak ada parkir

Pukul	Jumlah kendaraan						Kec	
	Arah Solo			Arah Wonogiri			Arah Solo	
	HV	LV	MC	HV	LV	MC	HV	LV
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
06.00-06.15		11	21		10	22		24,16
06.15-06.30		12	27		11	23		19,26
06.30-06.45		12	54		7	16		21,13
06.45-07.00		17	80		10	24		28,22
07.00-07.15		12	60		10	27		35,86
07.15-07.30		8	60		4	28		38,12
07.30-07.45		12	42		9	20		32,00
07.45-08.00		11	46		10	23		25,82
08.00-08.15		10	48		10	14		31,11
08.15-08.30		13	41		10	20		31,20
08.30-08.45		17	55		10	24		26,54
08.45-09.00		13	33		10	20		32,12
09.00-09.15		15	29		12	20		31,31
09.15-09.30		12	28		10	15		31,18
09.30-09.45		10	27		8	15		29,66
09.45-10.00		9	18		7	15		28,40
14.00-14.15		12	24		12	10		25,59
14.15-14.30		14	25		12	15		20,97
14.30-14.45		16	15		13	15		25,53
14.45-15.00		12	15		11	20		24,01
15.00-15.15		17	10		12	25		26,03
15.15-15.30		15	10		11	12		30,37
15.30-15.45		17	10		10	20		31,73
15.45-16.00		14	15		11	23		28,60

Lampiran 2 (Sabtu, 2 September 2006), Tidak ada parkir

Pukul	Jumlah kendaraan						Kec	
	Arah Solo			Arah Wonogiri			Arah Solo	
	HV	LV	MC	HV	LV	MC	HV	LV
06.00-06.15		8	13		6	16		25,40
06.15-06.30		12	14		6	15		23,70
06.30-06.45		12	18		9	15		22,96
06.45-07.00		15	18	2	7	16		23,69
07.00-07.15		14	15		9	19		30,45
07.15-07.30		13	13		8	29		25,29
07.30-07.45		11	14		9	24		26,44
07.45-08.00		17	21		11	23		30,67
08.00-08.15		15	15		11	23		31,12
08.15-08.30		15	15		13	22		30,24
08.30-08.45		14	16		11	23		33,08
08.45-09.00		16	17		12	17		31,83
09.00-09.15		11	15		10	21		30,94

09.15-09.30		12	18		11	20		27,12
09.30-09.45		15	18		7	14		23,74
09.45-10.00		11	17		11	16		32,06
14.00-14.15		9	11		11	14		19,22
14.15-14.30		11	15		12	16		24,04
14.30-14.45		12	16		10	18		27,40
14.45-15.00		13	15		12	16		25,26
15.00-15.15		11	18		11	10		32,49
15.15-15.30		14	23		11	22		32,59
15.30-15.45		12	22		11	22		29,83
15.45-16.00		13	25		10	17		24,60

Kecepatan rata-rata (km/jam)				Kecepatan rata-rata (km/jam)	
Arah Wonogiri				Arah Solo	Arah Wonogiri
MC	HV	LV	MC		
(9)	(10)	(11)	(12)		
20,70		19,71	21,13	21,89	20,69
44,42		19,84	22,02	36,68	21,31
32,80		31,99	14,69	30,68	19,96
32,32		26,62	12,03	31,60	16,32
33,29		26,62	10,89	33,72	15,14
35,89		24,05	14,10	36,15	15,34
38,43		34,38	15,28	37,00	21,21
35,11		32,62	21,73	33,32	25,03
41,56		56,70	37,93	39,76	45,75
38,97		34,39	43,80	37,10	40,66
38,96		30,51	40,75	36,03	37,74
38,69		34,50	45,00	36,83	41,50
43,14		36,89	41,55	39,11	39,80
43,85		36,17	41,00	40,05	39,07
40,83		34,21	40,40	37,81	38,25
36,33		30,92	36,51	33,69	34,73
31,13		36,29	14,82	29,28	26,53
29,93		43,54	23,50	26,71	32,41
27,20		36,40	42,80	26,34	39,83
31,76		39,97	45,68	28,32	43,65
28,84		36,88	42,19	27,07	40,47
31,29		38,86	35,64	30,74	37,18
29,71		42,00	43,59	30,98	43,06
27,20		37,36	37,96	27,88	37,77

Kecepatan rata-rata (km/jam)				Kecepatan rata-rata (km/jam)	
Arah Wonogiri				Arah Solo	Arah Wonogiri
MC	HV	LV	MC		
44,80		28,04	32,32	37,41	31,15
27,61		26,67	28,41	25,81	27,91
26,36		26,7	26,05	25,00	26,29
24,43	27,86	32,17	25,46	24,09	27,53
27,93		31,2	32,09	29,15	31,80
24,86		31,18	30,52	25,08	30,66
28,40		37,52	31,12	27,54	32,87
35,99		34,16	31,33	33,61	32,25
37,71		31,53	34,71	34,42	33,68
32,56		39,13	31,25	31,40	34,18
36,38		35,93	27,63	34,84	30,32
33,39		31,67	28,48	32,63	29,80
37,9		33,04	26,17	34,96	28,39

34,87		33,97	26,87	31,77	29,39
32,77		28,63	29,26	28,67	29,05
33,19		29,43	33,38	32,75	31,77
30,04		33,43	33,46	25,17	33,45
36,41		31,77	35,87	31,18	34,11
33,95		33,06	31,37	31,14	31,97
40,11		41,02	35,54	33,22	37,89
35,71		36,56	34,87	34,49	35,76
33,74		33,43	33,12	33,30	33,22
35,75		37,25	37,17	33,66	37,20
39,34		35,72	36,20	34,30	36,02

Lampiran 3 (Selasa, 29 Agustus 2006), Ada parkir

Pukul	Jumlah kendaraan						Kec	
	Arah Solo			Arah Wonogiri			Arah Solo	
	HV	LV	MC	HV	LV	MC	HV	LV
06.00-06.15		19	24		17	21		33,67
06.15-06.30		23	23		21	21		33,43
06.30-06.45		23	20		27	15		28,66
06.45-07.00		15	15		24	23		30,88
07.00-07.15		29	12		27	25		30,89
07.15-07.30		25	11		26	26		34,45
07.30-07.45		24	20		22	20		36,47
07.45-08.00		28	20		30	21		34,56
08.00-08.15		15	21		30	15		30,81
08.15-08.30		40	21		26	18		31,35
08.30-08.45		23	20		24	21		35,86
08.45-09.00		23	22		22	19		32,32
09.00-09.15		28	23		27	16		32,46
09.15-09.30		29	20		37	10		34,91
09.30-09.45		25	21		27	11		28,24
09.45-10.00		20	21		11	11		18,43
14.00-14.15		25	22		20	10		21,50
14.15-14.30		26	24		34	12		20,82
14.30-14.45		18	11		22	12		20,11
14.45-15.00		14	10		28	17		18,30
15.00-15.15		16	12		29	22		31,84
15.15-15.30		22	11		21	9		42,91
15.30-15.45		11	10		26	16		38,07
15.45-16.00		13	10		13	22		34,36

Lampiran 4 (Sabtu, 2 September 2006), Ada parkir

Pukul	Jumlah kendaraan						Kec	
	Arah Solo			Arah Wonogiri			Arah Solo	
	HV	LV	MC	HV	LV	MC	HV	LV
06.00-06.15		11	9		11	11		10,44
06.15-06.30		25	10		27	15		9,26
06.30-06.45		24	11		35	17		10,7
06.45-07.00		36	9	2	49	12		6,79
07.00-07.15		23	10		45	15		9,72
07.15-07.30		33	12		34	20		13,41
07.30-07.45		22	11		32	17		10,76
07.45-08.00		31	12		38	12		5,60
08.00-08.15		32	11		51	9		5,50
08.15-08.30		36	12		36	8		5,35
08.30-08.45		30	13		42	13		45,66
08.45-09.00		35	10	1	46	12		52,79
09.00-09.15		35	12		39	9		30,93
09.15-09.30		47	10		44	14		6,54
09.30-09.45		38	12		43	11		6,83

09.45-10.00		45	13		26	12		6,81
14.00-14.15		16	10		36	11		22,49
14.15-14.30		31	11		52	10		32,59
14.30-14.45		22	10		40	13		13,29
14.45-15.00		25	11		26	11		11,67
15.00-15.15		14	10		39	14		32,51
15.15-15.30		17	12		26	12		21,28
15.30-15.45		14	11		33	8		11,21
15.45-16.00		15	9		47	9		13,38

Kecepatan rata-rata (km/jam)				Kecepatan rata-rata (km/jam)	
Arah Wonogiri				Arah Solo	Arah Wonogiri
MC	HV	LV	MC		
34,08		18,80	20,11	33,90	19,52
17,54		18,69	20,05	25,49	19,37
20,48		17,16	20,02	24,86	18,18
21,92		17,35	17,61	26,40	17,48
43,36		14,82	18,27	34,54	16,48
36,85		20,67	17,57	35,18	19,12
37,70		18,72	17,81	37,03	18,29
25,62		15,20	18,29	30,84	16,47
34,84		18,62	17,14	33,16	18,13
41,11		29,57	25,67	34,71	27,97
37,36		16,73	15,71	36,56	16,25
33,41		18,78	19,01	32,85	18,89
31,88		19,02	22,99	32,20	20,50
26,26		14,83	15,63	31,38	15,00
33,03		18,39	18,12	30,43	18,31
24,31		16,35	19,75	21,44	18,05
36,53		45,75	16,10	28,54	35,87
31,79		44,91	28,50	26,09	40,63
28,61		59,08	26,50	23,33	47,58
31,53		45,55	19,52	23,81	35,72
29,06		50,58	19,71	30,65	37,26
30,41		58,94	21,24	38,74	47,63
28,07		51,49	22,98	33,31	40,63
27,00		52,64	21,96	31,16	33,36

Kecepatan rata-rata (km/jam)				Kecepatan rata-rata (km/jam)	
Arah Wonogiri				Arah Solo	Arah Wonogiri
MC	HV	LV	MC		
28,96		16,70	23,47	18,77	20,09
29,81		18,37	29,15	15,13	22,22
43,94		19,03	22,02	21,15	20,01
32,48	21,25	19,76	22,12	11,93	20,26
34,95		22,15	25,8	17,37	23,06
31,19		23,8	25,88	18,15	24,57
24,42		20,03	25,89	15,31	22,06
26,87		17,01	21,53	11,54	18,09
25,88		15,96	25,26	10,71	17,36
28,02		17,75	20,61	11,02	18,27
26,94		14,73	25,85	40,00	17,36
36,90	10,59	18,42	26,62	49,26	19,96
28,25		16,41	28,97	30,25	18,77
35,95		16,97	26,23	11,70	19,21
30,68		18,41	25,99	12,55	19,95

28,32		15,01	20,36	11,63	16,70
30,12		28,4	17,97	25,42	25,96
31,80		27,77	16,03	32,38	25,88
34,36		26,97	11,75	19,87	23,24
29,72		25,48	11,73	17,19	21,39
31,22		25,18	13,16	31,97	22,00
22,78		21,92	11,49	21,90	18,63
35,73		28,7	13,72	22,00	25,78
25,91		22,32	11,19	18,08	20,53

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Minggu/ 11 Juni 2006

Surveyor : Aris, Warsito, Budi R , Agung

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

	Jumlah kendaraan SW			UM	Total SW	Total SW		
Waktu	MC	LV	HV		per 15 menit	per jam	MC	
	(kend)	(kend)	(kend)		(kend)	(kend/15')	(kend/jam)	(kend)
	(1)	(2)	(3)					(1)
06.00-06.15	112	13		17	125		79	
06.15-06.30	55	10		12	65		96	
06.30-06.45	115	45		15	160		125	
06.45-07.00	125	27		9	152	502	139	
07.00-07.15	145	50		19	195	572	105	
07.15-07.30	253	50		20	303	810	100	
07.30-07.45	170	45		9	215	865	109	
07.45-08.00	116	70		12	186	899	147	
08.00-08.15	202	70	1	20	273	977	124	
08.15-08.30	207	97		16	304	978	112	
08.30-08.45	196	68		19	264	1027	120	
08.45-09.00	139	75		14	214	1055	119	
09.00-09.15	116	61		11	177	959	93	
09.15-09.30	152	66		4	218	873	130	
09.30-09.45	194	24		5	218	827	110	
09.45-10.00	207	64	1	10	272	885	138	
14.00-14.15	122	58		9	180		68	
14.15-14.30	143	74	1	9	218		118	
14.30-14.45	165	64		1	229		120	
14.45-15.00	145	82		11	227	627	112	
15.00-15.15	77	65		2	142	816	122	
15.15-15.30	207	65	1	8	273	871	135	
15.30-15.45	208	65		2	273	915	130	
15.45-16.00	156	61			217	905	150	

Hari/Tanggal : Minggu/ 11 Juni 2006

Surveyor : Aris, Warsito, Budi R , Agung

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

Waktu	Volume SW			Total	Total	Volume WS	
	MC, emp=0,4	LV, emp=1,0	HV, emp=1,3	smp/15'	smp/jam	MC, emp=0,4	LV, emp=1,0
	(smp)	(smp)	(smp)			(smp)	(smp)
	(4) = (1)*0,4	(5) = (2)*1,0	(6) = (3)*1,3			(4) = (1)*0,4	(5) = (2)*1,0
06.00-06.15	44,80	13,00	0,00	57,80		31,60	20,00
06.15-06.30	22,00	10,00	0,00	32,00		38,40	37,00
06.30-06.45	46,00	45,00	0,00	91,00		50,00	36,00

06.45-07.00	50,00	27,00	0,00	77,00	257,80	55,60	28,00
07.00-07.15	58,00	50,00	0,00	108,00	308,00	42,00	26,00
07.15-07.30	101,20	50,00	0,00	151,20	427,20	40,00	28,00
07.30-07.45	68,00	45,00	0,00	113,00	449,20	43,60	27,00
07.45-08.00	46,40	70,00	0,00	116,40	488,60	58,80	62,00
08.00-08.15	80,80	70,00	1,30	152,10	532,70	49,60	48,00
08.15-08.30	82,80	97,00	0,00	179,80	561,30	44,80	38,00
08.30-08.45	78,40	68,00	0,00	146,40	594,70	48,00	57,00
08.45-09.00	55,60	75,00	0,00	130,60	608,90	47,60	50,00
09.00-09.15	46,40	61,00	0,00	107,40	564,20	37,20	50,00
09.15-09.30	60,80	66,00	0,00	126,80	511,20	52,00	71,00
09.30-09.45	77,60	24,00	0,00	101,60	466,40	44,00	71,00
09.45-10.00	82,80	64,00	1,30	148,10	483,90	55,20	60,00
14.00-14.15	48,80	58,00	0,00	106,80		27,20	29,00
14.15-14.30	57,20	74,00	1,30	132,50		47,20	50,00
14.30-14.45	66,00	64,00	0,00	130,00		48,00	51,00
14.45-15.00	58,00	82,00	0,00	140,00	509,30	44,80	62,00
15.00-15.15	30,80	65,00	0,00	95,80	498,30	48,80	47,00
15.15-15.30	82,80	65,00	1,30	149,10	514,90	54,00	50,00
15.30-15.45	83,20	65,00	0,00	148,20	533,10	52,00	38,00
15.45-16.00	62,40	61,00	0,00	123,40	516,50	60,00	37,00

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Senin/ 12 Juni 2006

Surveyor : Aris, Warsito, Budi R , Agung

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

Waktu	Jumlah kendaraan SW			UM	Total SW	Total SW	MC
	MC	LV	HV		per 15 menit	per jam	
	(kend)	(kend)	(kend)		(kend/15')	(kend/jam)	
	(1)	(2)	(3)				(1)
06.00-06.15	198	56		30	254		195
06.15-06.30	210	68		24	278		225
06.30-06.45	127	61		18	188		345
06.45-07.00	219	97	1	16	317	1037	580
07.00-07.15	247	92		7	339	1122	376
07.15-07.30	263	23		14	286	1130	327
07.30-07.45	172	64		13	236	1178	356
07.45-08.00	195	90		27	285	1146	312
08.00-08.15	88	61	2	16	151	958	337
08.15-08.30	172	95		16	267	939	350
08.30-08.45	200	82		15	282	985	327
08.45-09.00	177	84		18	261	961	234
09.00-09.15	158	103		8	261	1071	208
09.15-09.30	104	95		17	199	1003	215
09.30-09.45	113	65		15	178	899	229
09.45-10.00	112	57		16	169	807	154

14.00-14.15	72	76	1	12	149		217
14.15-14.30	117	99	1	15	217		240
14.30-14.45	118	110		11	228		143
14.45-15.00	168	87		8	255	849	124
15.00-15.15	205	96		9	301	1001	82
15.15-15.30	88	86		12	174	958	93
15.30-15.45	153	73		6	226	956	80
15.45-16.00	208	88		12	296	997	110

Hari/Tanggal : Senin/ 12 Juni 2006

Surveyor : Aris, Warsito, Budi R , Agung

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

Waktu	Volume SW			Total	Total	Volume WS	
	MC, emp=0,25	LV, emp=1,0	HV, emp=1,2	smp/15'	smp/jam	MC, emp=0,25	LV, emp=1,0
	(smp)	(smp)	(smp)			(smp)	(smp)
	(4) = (1)*0,25	(5) = (2)*1,0	(6) = (3)*1,2			(4) = (1)*0,25	(5) = (2)*1,0
06.00-06.15	49,50	56,00	0,00	105,50		48,75	64,00
06.15-06.30	52,50	68,00	0,00	120,50		56,25	75,00
06.30-06.45	31,75	61,00	0,00	92,75		86,25	90,00
06.45-07.00	54,75	97,00	1,20	152,95	471,70	145,00	73,00
07.00-07.15	61,75	92,00	0,00	153,75	519,95	94,00	71,00
07.15-07.30	65,75	23,00	0,00	88,75	488,20	81,75	40,00
07.30-07.45	43,00	64,00	0,00	107,00	502,45	89,00	67,00
07.45-08.00	48,75	90,00	0,00	138,75	488,25	78,00	63,00
08.00-08.15	22,00	61,00	2,40	85,40	419,90	84,25	40,00
08.15-08.30	43,00	95,00	0,00	138,00	469,15	87,50	74,00
08.30-08.45	50,00	82,00	0,00	132,00	494,15	81,75	66,00
08.45-09.00	44,25	84,00	0,00	128,25	483,65	58,50	67,00
09.00-09.15	39,50	103,00	0,00	142,50	540,75	52,00	57,00
09.15-09.30	26,00	95,00	0,00	121,00	523,75	53,75	49,00
09.30-09.45	28,25	65,00	0,00	93,25	485,00	57,25	38,00
09.45-10.00	28,00	57,00	0,00	85,00	441,75	38,50	52,00
14.00-14.15	18,00	76,00	1,20	95,20		54,25	35,00
14.15-14.30	29,25	99,00	1,20	129,45		60,00	38,00
14.30-14.45	29,50	110,00	0,00	139,50		35,75	69,00
14.45-15.00	42,00	87,00	0,00	129,00	493,15	31,00	40,00
15.00-15.15	51,25	96,00	0,00	147,25	545,20	20,50	60,00
15.15-15.30	22,00	86,00	0,00	108,00	523,75	23,25	62,00
15.30-15.45	38,25	73,00	0,00	111,25	495,50	20,00	40,00
15.45-16.00	52,00	88,00	0,00	140,00	506,50	27,50	42,00

Hari/Tanggal : Selasa/ 29 Agustus 2006

Surveyor : Widi, Krisna, Muna, Nino
Arah arus : Solo - Wonogiri dan Wonogiri - Solo

Waktu	Jumlah kendaraan SW			UM	Total SW	Total SW	MC
	MC	LV	HV		per 15 menit	per jam	
	(kend)	(kend)	(kend)		(kend/15')	(kend/jam)	
	(1)	(2)	(3)				(1)
06.00-06.15	62	22		5	84		58
06.15-06.30	156	47		8	203		190
06.30-06.45	243	60		28	303		362
06.45-07.00	377	90		33	467	1057	376
07.00-07.15	330	70		12	400	1373	208
07.15-07.30	348	78		32	426	1596	251
07.30-07.45	296	60		25	356	1649	245
07.45-08.00	167	62		23	229	1411	301
08.00-08.15	264	89		21	353	1364	278
08.15-08.30	230	88		19	318	1256	248
08.30-08.45	220	95		15	315	1215	270
08.45-09.00	219	90		21	309	1295	249
09.00-09.15	205	101		17	306	1248	209
09.15-09.30	224	106		12	330	1260	234
09.30-09.45	226	110		25	336	1281	212
09.45-10.00	213	105		12	318	1290	216
14.00-14.15	320	82		11	402		256
14.15-14.30	278	84		7	362		233
14.30-14.45	269	98		18	367		196
14.45-15.00	224	106		8	330	1461	176
15.00-15.15	257	102		16	359	1418	226
15.15-15.30	290	75		14	365	1421	220
15.30-15.45	241	74		11	315	1369	174
15.45-16.00	252	81		13	333	1372	176

Hari/Tanggal : Selasa/ 29 Agustus 2006
Surveyor : Widi, Krisna, Muna, Nino
Arah arus : Solo - Wonogiri dan Wonogiri - Solo

Waktu	Volume SW			Total	Total	Volume WS	
	MC, emp=0,25	LV, emp=1,0	HV, emp=1,2	smp/15'	smp/jam	MC, emp=0,25	LV, emp=1,0
	(smp)	(smp)	(smp)			(smp)	(smp)
	(4) = (1)*0,25	(5) = (2)*1,0	(6) = (3)*1,2			(4) = (1)*0,25	(5) = (2)*1,0
06.00-06.15	15,50	22,00	0,00	37,50		14,50	16,00
06.15-06.30	39,00	47,00	0,00	86,00		47,50	46,00
06.30-06.45	60,75	60,00	0,00	120,75		90,50	64,00
06.45-07.00	94,25	90,00	0,00	184,25	428,50	94,00	72,00
07.00-07.15	82,50	70,00	0,00	152,50	543,50	52,00	60,00
07.15-07.30	87,00	78,00	0,00	165,00	622,50	62,75	48,00
07.30-07.45	74,00	60,00	0,00	134,00	635,75	61,25	70,00

07.45-08.00	41,75	62,00	0,00	103,75	555,25	75,25	64,00
08.00-08.15	66,00	89,00	0,00	155,00	557,75	69,50	57,00
08.15-08.30	57,50	88,00	0,00	145,50	538,25	62,00	76,00
08.30-08.45	55,00	95,00	0,00	150,00	554,25	67,50	59,00
08.45-09.00	54,75	90,00	0,00	144,75	595,25	62,25	75,00
09.00-09.15	51,25	101,00	0,00	152,25	592,50	52,25	69,00
09.15-09.30	56,00	106,00	0,00	162,00	609,00	58,50	106,00
09.30-09.45	56,50	110,00	0,00	166,50	625,50	53,00	78,00
09.45-10.00	53,25	105,00	0,00	158,25	639,00	54,00	76,00
14.00-14.15	80,00	82,00	0,00	162,00		64,00	35,00
14.15-14.30	69,50	84,00	0,00	153,50		58,25	38,00
14.30-14.45	67,25	98,00	0,00	165,25		49,00	69,00
14.45-15.00	56,00	106,00	0,00	162,00	642,75	44,00	40,00
15.00-15.15	64,25	102,00	0,00	166,25	647,00	56,50	60,00
15.15-15.30	72,50	75,00	0,00	147,50	641,00	55,00	62,00
15.30-15.45	60,25	74,00	0,00	134,25	610,00	43,50	40,00
15.45-16.00	63,00	81,00	0,00	144,00	592,00	44,00	42,00

Hari/Tanggal : Sabtu/ 2 September 2006

Surveyor : Ika, Bagus, Muna, Heri C

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

Waktu	Jumlah kendaraan SW			UM	Total SW	Total SW	MC
	MC	LV	HV		per 15 menit	per jam	
	(kend)	(kend)	(kend)	(kend)	(kend/15')	(kend/jam)	(kend)
	(1)	(2)	(3)				(1)
06.00-06.15	149	44		19	193		107
06.15-06.30	207	54		24	261		164
06.30-06.45	291	81	2	24	374		390
06.45-07.00	335	108		17	443	1271	281
07.00-07.15	267	84		17	351	1429	214
07.15-07.30	313	74		13	387	1555	254
07.30-07.45	300	59		19	359	1540	218
07.45-08.00	275	84		16	359	1456	209
08.00-08.15	253	88		14	341	1446	206
08.15-08.30	222	74		21	296	1355	236
08.30-08.45	292	93		19	385	1381	213
08.45-09.00	266	101		9	367	1389	153
09.00-09.15	271	98		7	369	1417	245
09.15-09.30	216	108		19	324	1445	216
09.30-09.45	258	94		10	352	1412	206
09.45-10.00	298	110		15	408	1453	220
14.00-14.15	193	81		7	274		118
14.15-14.30	260	117		16	377		157
14.30-14.45	272	74		9	346		176

14.45-15.00	323	107		8	430	1427	140
15.00-15.15	320	97		9	417	1570	91
15.15-15.30	330	143		10	473	1666	131
15.30-15.45	334	91		10	425	1745	141
15.45-16.00	358	103		11	461	1776	203

Hari/Tanggal : Sabtu/ 2 September 2006

Surveyor : Ika, Bagus, Muna, Heri C

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

	Volume SW			Total	Total		
Waktu	MC, emp=0,25	LV, emp=1,0	HV, emp=1,2	smp/15'	smp/jam	Waktu	MC, emp=0,25
	(smp)	(smp)	(smp)				(smp)
	(4) = (1)*0,25	(5) = (2)*1,0	(6) = (3)*1,2				(4) = (1)*0,25
06.00-06.15	37,25	44,00	0,00	81,25		06.00-06.15	26,75
06.15-06.30	51,75	54,00	0,00	105,75		06.15-06.30	41,00
06.30-06.45	72,75	81,00	2,40	156,15		06.30-06.45	97,50
06.45-07.00	83,75	108,00	0,00	191,75	534,90	06.45-07.00	70,25
07.00-07.15	66,75	84,00	0,00	150,75	604,40	07.00-07.15	53,50
07.15-07.30	78,25	74,00	0,00	152,25	650,90	07.15-07.30	63,50
07.30-07.45	75,00	59,00	0,00	134,00	628,75	07.30-07.45	54,50
07.45-08.00	68,75	84,00	0,00	152,75	589,75	07.45-08.00	52,25
08.00-08.15	63,25	88,00	0,00	151,25	590,25	08.00-08.15	51,50
08.15-08.30	55,50	74,00	0,00	129,50	567,50	08.15-08.30	59,00
08.30-08.45	73,00	93,00	0,00	166,00	599,50	08.30-08.45	53,25
08.45-09.00	66,50	101,00	0,00	167,50	614,25	08.45-09.00	38,25
09.00-09.15	67,75	98,00	0,00	165,75	628,75	09.00-09.15	61,25
09.15-09.30	54,00	108,00	0,00	162,00	661,25	09.15-09.30	54,00
09.30-09.45	64,50	94,00	0,00	158,50	653,75	09.30-09.45	51,50
09.45-10.00	74,50	110,00	0,00	184,50	670,75	09.45-10.00	55,00
14.00-14.15	48,25	81,00	0,00	129,25		14.00-14.15	29,50
14.15-14.30	65,00	117,00	0,00	182,00		14.15-14.30	39,25
14.30-14.45	68,00	74,00	0,00	142,00		14.30-14.45	44,00
14.45-15.00	80,75	107,00	0,00	187,75	641,00	14.45-15.00	35,00
15.00-15.15	80,00	97,00	0,00	177,00	688,75	15.00-15.15	22,75
15.15-15.30	82,50	143,00	0,00	225,50	732,25	15.15-15.30	32,75
15.30-15.45	83,50	91,00	0,00	174,50	764,75	15.30-15.45	35,25
15.45-16.00	89,50	103,00	0,00	192,50	769,50	15.45-16.00	50,75

Lampiran 1

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Minggu/ 11 Juni 2006

Surveyor : Aris, Warsito, Budi R , Agung

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

No.	Waktu	Volume lalu lintas (kendaraan/15')					
		Arah Wonogiri			Arah Solo		
		HV	LV	MC	HV	LV	MC
		(1)	(2)	(3)	(4)	(5)	(6)
1	06.00-06.15		13	112		20	79
2	06.15-06.30		10	55		37	96
3	06.30-06.45		45	115		36	125
4	06.45-07.00		27	125		28	139
5	07.00-07.15		50	145		26	105
6	07.15-07.30		50	253		28	100
7	07.30-07.45		45	170		27	109
8	07.45-08.00		70	116	3	62	147
9	08.00-08.15	1	70	202		48	124
10	08.15-08.30		97	207	1	38	112
11	08.30-08.45		68	196		57	120
12	08.45-09.00		75	139		50	119
13	09.00-09.15		61	116		50	93
14	09.15-09.30		66	152		71	130
15	09.30-09.45		24	194		71	110
16	09.45-10.00	1	64	207		60	138
17	14.00-14.15		58	122		29	68
18	14.15-14.30	1	74	143		50	118
19	14.30-14.45		64	165		51	120
20	14.45-15.00		82	145		62	112
21	15.00-15.15		65	77		47	122
22	15.15-15.30	1	65	207		50	135
23	15.30-15.45		65	208	2	38	130
24	15.45-16.00		61	156	1	37	150

Lampiran 2

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Senin/ 12 Juni 2006

Surveyor : Aris, Warsito, Budi R , Agung

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

No.	Waktu	Volume lalu lintas (kendaraan/15')					
		Arah Wonogiri			Arah Solo		
		HV	LV	MC	HV	LV	MC

		(1)	(2)	(3)	(4)	(5)	(6)
1	06.00-06.15		56	198		64	195
2	06.15-06.30		68	210		75	225
3	06.30-06.45		61	127		90	345
4	06.45-07.00	1	97	219		73	580
5	07.00-07.15		92	247		71	376
6	07.15-07.30		23	263		40	327
7	07.30-07.45		64	172		67	356
8	07.45-08.00		90	195	1	63	312
9	08.00-08.15	2	61	88		40	337
10	08.15-08.30		95	172		74	350
11	08.30-08.45		82	200	6	66	327
12	08.45-09.00		84	177	1	67	234
13	09.00-09.15		103	158		57	208
14	09.15-09.30		95	104		49	215
15	09.30-09.45		65	113	3	38	229
16	09.45-10.00		57	112		52	154
17	14.00-14.15	1	76	72		35	217
18	14.15-14.30	1	99	117	1	38	240
19	14.30-14.45		110	118		69	143
20	14.45-15.00		87	168		40	124
21	15.00-15.15		96	205		60	82
22	15.15-15.30		86	88		62	93
23	15.30-15.45		73	153	1	40	80
24	15.45-16.00		88	208		42	110

Lampiran 3

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Selasa/ 29 Agustus 2006

Surveyor : Widi, Krisna, Muna, Nino

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

No.	Waktu	Volume lalulintas (kendaraan/15')					
		Arah Wonogiri			Arah Solo		
		HV	LV	MC	HV	LV	MC
		(1)	(2)	(3)	(4)	(5)	(6)
1	06.00-06.15		22	62		16	58
2	06.15-06.30		47	156		46	190
3	06.30-06.45		60	243		64	362
4	06.45-07.00		90	377		72	376
5	07.00-07.15		70	330		60	208
6	07.15-07.30		78	348		48	251

7	07.30-07.45		60	296		70	245
8	07.45-08.00		62	167		64	301
9	08.00-08.15		89	264		57	278
10	08.15-08.30		88	230		76	248
11	08.30-08.45		95	220		59	270
12	08.45-09.00		90	219		75	249
13	09.00-09.15		101	205		69	209
14	09.15-09.30		106	224		106	234
15	09.30-09.45		110	226		78	212
16	09.45-10.00		105	213		76	216
17	14.00-14.15		82	320		35	256
18	14.15-14.30		84	278		38	233
19	14.30-14.45		98	269		69	196
20	14.45-15.00		106	224		40	176
21	15.00-15.15		102	257		60	226
22	15.15-15.30		75	290		62	220
23	15.30-15.45		74	241		40	174
24	15.45-16.00		81	252		42	176

Lampiran 4

Hasil Analisis Distribusi Arah Volume Lalu Lintas (kend/15' dan kend/jam)

Hari/Tanggal : Sabtu/ 2 September 2006

Surveyor : Ika, Bagus, Muna, Heri C

Arah arus : Solo - Wonogiri dan Wonogiri - Solo

No.	Waktu	Volume lalu lintas (kendaraan/15')					
		Arah Wonogiri			Arah Solo		
		HV	LV	MC	HV	LV	MC
		(1)	(2)	(3)	(4)	(5)	(6)
1	06.00-06.15		44	149	1	38	107
2	06.15-06.30		54	207		46	164
3	06.30-06.45	2	81	291		61	390
4	06.45-07.00		108	335		81	281
5	07.00-07.15		84	267		62	214
6	07.15-07.30		74	313		75	254
7	07.30-07.45		59	300		58	218
8	07.45-08.00		84	275		77	209
9	08.00-08.15		88	253		69	206
10	08.15-08.30		74	222		68	236
11	08.30-08.45		93	292		87	213
12	08.45-09.00		101	266		96	153
13	09.00-09.15		98	271		84	245
14	09.15-09.30		108	216		93	216
15	09.30-09.45		94	258		99	206

16	09.45-10.00		110	298		107	220
17	14.00-14.15		81	193		35	118
18	14.15-14.30		117	260		38	157
19	14.30-14.45		74	272		69	176
20	14.45-15.00		107	323		40	140
21	15.00-15.15		97	320		60	91
22	15.15-15.30		143	330		62	131
23	15.30-15.45		91	334		40	141
24	15.45-16.00		103	358		42	203

Jumlah Kendaraan WS		UM	Total WS	Total WS	Total 2 arah	Faktor Pemisah Arah	
LV	HV		per 15 menit	per jam		SW	WS
(kend)	(kend)	(kend)	(kend/15')	(kend/jam)			
(2)	(3)						
20		23	99				
37		27	133				
36		15	161				
28		8	167	560	1062	0,47	0,53
26		3	131	592	1164	0,49	0,51
28		24	128	587	1397	0,58	0,42
27		7	136	562	1427	0,61	0,39
62	3	30	212	607	1506	0,60	0,40
48		23	172	648	1625	0,60	0,40
38	1	23	151	671	1649	0,59	0,41
57		16	177	712	1739	0,59	0,41
50		13	169	669	1724	0,61	0,39
50		14	143	640	1599	0,60	0,40
71		23	201	690	1563	0,56	0,44
71		14	181	694	1521	0,54	0,46
60		29	198	723	1608	0,55	0,45
29		4	97				
50		9	168				
51		5	171				
62		11	174	610	1237	0,51	0,49
47		5	169	682	1498	0,54	0,46
50		10	185	699	1570	0,55	0,45
38	2	13	170	698	1613	0,57	0,43
37	1	9	188	712	1617	0,56	0,44

3	Total	Total	Total	Total
HV, emp=1,3	smp/15'	smp/jam	SW dan WS	SW dan WS
(smp)			smp/15'	smp/jam
(6) = (3)*1,3				
0,00	51,60		109,40	
0,00	75,40		107,40	
0,00	86,00		177,00	

0,00	83,60	296,60	160,60	554,40
0,00	68,00	313,00	176,00	621,00
0,00	68,00	305,60	219,20	732,80
0,00	70,60	290,20	183,60	739,40
3,90	124,70	331,30	241,10	819,90
0,00	97,60	360,90	249,70	893,60
1,30	84,10	377,00	263,90	938,30
0,00	105,00	411,40	251,40	1006,10
0,00	97,60	384,30	228,20	993,20
0,00	87,20	373,90	194,60	938,10
0,00	123,00	412,80	249,80	924,00
0,00	115,00	422,80	216,60	889,20
0,00	115,20	440,40	263,30	924,30
0,00	56,20		163,00	
0,00	97,20		229,70	
0,00	99,00		229,00	
0,00	106,80	359,20	246,80	868,50
0,00	95,80	398,80	191,60	897,10
0,00	104,00	405,60	253,10	920,50
2,60	92,60	399,20	240,80	932,30
1,30	98,30	390,70	221,70	907,20

Jumlah Kendaraan WS		UM	Total WS	Total WS	Total 2 arah	Faktor Pemisah Arah	
LV	HV		per 15 menit	per jam		SW	WS
(kend)	(kend)	(kend)	(kend/15')	(kend/jam)			
(2)	(3)						
64		21	259				
75		15	300				
90		21	435				
73		10	653	1647	2684	0,39	0,61
71		12	447	1835	2957	0,38	0,62
40		11	367	1902	3032	0,37	0,63
67		11	423	1890	3068	0,38	0,62
63	1	19	376	1613	2759	0,42	0,58
40		10	377	1543	2501	0,38	0,62
74		8	424	1600	2539	0,37	0,63
66	6	15	399	1576	2561	0,38	0,62
67	1	21	302	1502	2463	0,39	0,61
57		29	265	1390	2461	0,44	0,56
49		10	264	1230	2233	0,45	0,55
38	3	19	270	1101	2000	0,45	0,55
52		9	206	1005	1812	0,45	0,55

35		4	252				
38	1	4	279				
69		10	212				
40		9	164	907	1756	0,48	0,52
60		10	142	797	1798	0,56	0,44
62		15	155	673	1631	0,59	0,41
40	1	5	121	582	1538	0,62	0,38
42		7	152	570	1567	0,64	0,36

3	Total	Total	Total	Total
HV, emp=1,2	smp/15'	smp/jam	SW dan WS	SW dan WS
(smp)			smp/15'	smp/jam
(6) = (3)*1,2				
0,00	112,75		218,25	
0,00	131,25		251,75	
0,00	176,25		269,00	
0,00	218,00	638,25	370,95	1109,95
0,00	165,00	690,50	318,75	1210,45
0,00	121,75	681,00	210,50	1169,20
0,00	156,00	660,75	263,00	1163,20
1,20	142,20	584,95	280,95	1073,20
0,00	124,25	544,20	209,65	964,10
0,00	161,50	583,95	299,50	1053,10
7,20	154,95	582,90	286,95	1077,05
1,20	126,70	567,40	254,95	1051,05
0,00	109,00	552,15	251,50	1092,90
0,00	102,75	493,40	223,75	1017,15
3,60	98,85	437,30	192,10	922,30
0,00	90,50	401,10	175,50	842,85
0,00	89,25		184,45	
1,20	99,20		228,65	
0,00	104,75		244,25	
0,00	71,00	364,20	200,00	857,35
0,00	80,50	355,45	227,75	900,65
0,00	85,25	341,50	193,25	865,25
1,20	61,20	297,95	172,45	793,45
0,00	69,50	296,45	209,50	802,95

Jumlah Kendaraan WS		UM	Total WS	Total WS	Total 2 arah	Faktor Pemisah Arah	
LV	HV		per 15 menit	per jam		SW	WS
(kend)	(kend)	(kend)	(kend/15')	(kend/jam)			
(2)	(3)						
16		1	74				
46		15	236				
64		21	426				
72		23	448	1184	2241	0,47	0,53
60		21	268	1378	2751	0,50	0,50
48		18	299	1441	3037	0,53	0,47
70		23	315	1330	2979	0,55	0,45
64		19	365	1247	2658	0,53	0,47
57		19	335	1314	2678	0,51	0,49
76		8	324	1339	2595	0,48	0,52
59		5	329	1353	2568	0,47	0,53
75		14	324	1312	2607	0,50	0,50
69		7	278	1255	2503	0,50	0,50
106		8	340	1271	2531	0,50	0,50
78		11	290	1232	2513	0,51	0,49
76		1	292	1200	2490	0,52	0,48
35			291				
38		19	271				
69		16	265				
40		6	216	1043	2504	0,58	0,42
60		6	286	1038	2456	0,58	0,42
62		12	282	1049	2470	0,58	0,42
40		8	214	998	2367	0,58	0,42
42		25	218	1000	2372	0,58	0,42

	Total	Total	Total	Total
HV, emp=1,2	smp/15'	smp/jam	SW dan WS	SW dan WS
(smp)			smp/15'	smp/jam
(6) = (3)*1,2				
0,00	30,50		68,00	
0,00	93,50		179,50	
0,00	154,50		275,25	
0,00	166,00	444,50	350,25	873,00
0,00	112,00	526,00	264,50	1069,50
0,00	110,75	543,25	275,75	1165,75
0,00	131,25	520,00	265,25	1155,75

0,00	139,25	493,25	243,00	1048,50
0,00	126,50	507,75	281,50	1065,50
0,00	138,00	535,00	283,50	1073,25
0,00	126,50	530,25	276,50	1084,50
0,00	137,25	528,25	282,00	1123,50
0,00	121,25	523,00	273,50	1115,50
0,00	164,50	549,50	326,50	1158,50
0,00	131,00	554,00	297,50	1179,50
0,00	130,00	546,75	288,25	1185,75
0,00	99,00		261,00	
0,00	96,25		249,75	
0,00	118,00		283,25	
0,00	84,00	397,25	246,00	1040,00
0,00	116,50	414,75	282,75	1061,75
0,00	117,00	435,50	264,50	1076,50
0,00	83,50	401,00	217,75	1011,00
0,00	86,00	403,00	230,00	995,00

Jumlah Kendaraan WS		UM	Total WS	Total WS	Total 2 arah	Faktor Pemisah Arah	
LV	HV		per 15 menit	per jam		SW	WS
(kend)	(kend)	(kend)	(kend/15')	(kend/jam)			
(2)	(3)						
38	1	11	146				
46		5	210				
61		19	451				
81		13	362	1169	2440	0,52	0,48
62		40	276	1299	2728	0,52	0,48
75		11	329	1418	2973	0,52	0,48
58		7	276	1243	2783	0,55	0,45
77		5	286	1167	2623	0,56	0,44
69		5	275	1166	2612	0,55	0,45
68		5	304	1141	2496	0,54	0,46
87		7	300	1165	2546	0,54	0,46
96		3	249	1128	2517	0,55	0,45
84			329	1182	2599	0,55	0,45
93		1	309	1187	2632	0,55	0,45
99		2	305	1192	2604	0,54	0,46
107		2	327	1270	2723	0,53	0,47
35		5	153				
38		3	195				
69		5	245				

40		6	180	773	2200	0,65	0,35
60		3	151	771	2341	0,67	0,33
62		6	193	769	2435	0,68	0,32
40		2	181	705	2450	0,71	0,29
42		2	245	770	2546	0,70	0,30

Volume WS		Total	Total	Total	Total
LV, emp=1,0	HV, emp=1,2	smp/15'	smp/jam	SW dan WS	SW dan WS
(smp)	(smp)			smp/15'	smp/jam
(5) = (2)*1,0	(6) = (3)*1,2				
38,00	1,20	65,95		147,20	
46,00	0,00	87,00		192,75	
61,00	0,00	158,50		314,65	
81,00	0,00	151,25	462,70	343,00	997,60
62,00	0,00	115,50	512,25	266,25	1116,65
75,00	0,00	138,50	563,75	290,75	1214,65
58,00	0,00	112,50	517,75	246,50	1146,50
77,00	0,00	129,25	495,75	282,00	1085,50
69,00	0,00	120,50	500,75	271,75	1091,00
68,00	0,00	127,00	489,25	256,50	1056,75
87,00	0,00	140,25	517,00	306,25	1116,50
96,00	0,00	134,25	522,00	301,75	1136,25
84,00	0,00	145,25	546,75	311,00	1175,50
93,00	0,00	147,00	566,75	309,00	1228,00
99,00	0,00	150,50	577,00	309,00	1230,75
107,00	0,00	162,00	604,75	346,50	1275,50
35,00	0,00	64,50		193,75	
38,00	0,00	77,25		259,25	
69,00	0,00	113,00		255,00	
40,00	0,00	75,00	329,75	262,75	970,75
60,00	0,00	82,75	348,00	259,75	1036,75
62,00	0,00	94,75	365,50	320,25	1097,75
40,00	0,00	75,25	327,75	249,75	1092,50
42,00	0,00	92,75	345,50	285,25	1115,00

Volume lalulintas (smp/15')						Total volume lalulintas	Volume lalulintas
Arah Wonogiri			Arah Solo			(smp/15')	(smp/jam)
HV	LV	MC	HV	LV	MC	Arah Wonogiri	Arah Wonogiri
(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=	
[(1)x1,3]	[(2)x1,0]	[(3)x0,5]	[(4)x1,3]	[(5)x1,0]	[(6)x0,5]	(10)+(11)+(12)	
0,00	13,00	56,00	0,00	20,00	39,50	69,00	
0,00	10,00	27,50	0,00	37,00	48,00	37,50	
0,00	45,00	57,50	0,00	36,00	62,50	102,50	
0,00	27,00	62,50	0,00	28,00	69,50	89,50	298,50
0,00	50,00	72,50	0,00	26,00	52,50	122,50	352,00
0,00	50,00	126,50	0,00	28,00	50,00	176,50	491,00
0,00	45,00	85,00	0,00	27,00	54,50	130,00	518,50
0,00	70,00	58,00	3,90	62,00	73,50	128,00	557,00
1,30	70,00	101,00	0,00	48,00	62,00	172,30	606,80
0,00	97,00	103,50	1,30	38,00	56,00	200,50	630,80
0,00	68,00	98,00	0,00	57,00	60,00	166,00	666,80
0,00	75,00	69,50	0,00	50,00	59,50	144,50	683,30
0,00	61,00	58,00	0,00	50,00	46,50	119,00	630,00
0,00	66,00	76,00	0,00	71,00	65,00	142,00	571,50
0,00	24,00	97,00	0,00	71,00	55,00	121,00	526,50
1,30	64,00	103,50	0,00	60,00	69,00	168,80	550,80
0,00	58,00	61,00	0,00	29,00	34,00	119,00	
1,30	74,00	71,50	0,00	50,00	59,00	146,80	
0,00	64,00	82,50	0,00	51,00	60,00	146,50	
0,00	82,00	72,50	0,00	62,00	56,00	154,50	566,80
0,00	65,00	38,50	0,00	47,00	61,00	103,50	551,30
1,30	65,00	103,50	0,00	50,00	67,50	169,80	574,30
0,00	65,00	104,00	2,60	38,00	65,00	169,00	596,80
0,00	61,00	78,00	1,30	37,00	75,00	139,00	581,30

Volume lalulintas (smp/15')						Total volume lalulintas	Volume lalulintas
Arah Wonogiri			Arah Solo			(smp/15')	(smp/jam)
HV	LV	MC	HV	LV	MC	Arah Wonogiri	Arah Wonogiri

(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=	
[(1)x1,2]	[(2)x1,0]	[(3)x0,35]	[(4)x1,2]	[(5)x1,0]	[(6)x0,35]	(10)+(11)+(12)	
0,00	56,00	69,30	0,00	64,00	68,25	125,30	
0,00	68,00	73,50	0,00	75,00	78,75	141,50	
0,00	61,00	44,45	0,00	90,00	120,75	105,45	
1,20	97,00	76,65	0,00	73,00	203,00	174,85	547,10
0,00	92,00	86,45	0,00	71,00	131,60	178,45	600,25
0,00	23,00	92,05	0,00	40,00	114,45	115,05	573,80
0,00	64,00	60,20	0,00	67,00	124,60	124,20	592,55
0,00	90,00	68,25	1,20	63,00	109,20	158,25	575,95
2,40	61,00	30,80	0,00	40,00	117,95	94,20	491,70
0,00	95,00	60,20	0,00	74,00	122,50	155,20	531,85
0,00	82,00	70,00	7,20	66,00	114,45	152,00	559,65
0,00	84,00	61,95	1,20	67,00	81,90	145,95	547,35
0,00	103,00	55,30	0,00	57,00	72,80	158,30	611,45
0,00	95,00	36,40	0,00	49,00	75,25	131,40	587,65
0,00	65,00	39,55	3,60	38,00	80,15	104,55	540,20
0,00	57,00	39,20	0,00	52,00	53,90	96,20	490,45
1,20	76,00	25,20	0,00	35,00	75,95	102,40	
1,20	99,00	40,95	1,20	38,00	84,00	141,15	
0,00	110,00	41,30	0,00	69,00	50,05	151,30	
0,00	87,00	58,80	0,00	40,00	43,40	145,80	540,65
0,00	96,00	71,75	0,00	60,00	28,70	167,75	606,00
0,00	86,00	30,80	0,00	62,00	32,55	116,80	581,65
0,00	73,00	53,55	1,20	40,00	28,00	126,55	556,90
0,00	88,00	72,80	0,00	42,00	38,50	160,80	571,90

Volume lalulintas (smp/15')						Total volume lalulintas	Volume lalulintas
Arah Wonogiri			Arah Solo			(smp/15')	(smp/jam)
HV	LV	MC	HV	LV	MC	Arah Wonogiri	Arah Wonogiri
(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=	
[(1)x1,2]	[(2)x1,0]	[(3)x0,35]	[(4)x1,2]	[(5)x1,0]	[(6)x0,35]	(10)+(11)+(12)	
0,00	22,00	21,70	0,00	16,00	20,30	43,70	
0,00	47,00	54,60	0,00	46,00	66,50	101,60	
0,00	60,00	85,05	0,00	64,00	126,70	145,05	
0,00	90,00	131,95	0,00	72,00	131,60	221,95	512,30
0,00	70,00	115,50	0,00	60,00	72,80	185,50	654,10
0,00	78,00	121,80	0,00	48,00	87,85	199,80	752,30

0,00	60,00	103,60	0,00	70,00	85,75	163,60	770,85
0,00	62,00	58,45	0,00	64,00	105,35	120,45	669,35
0,00	89,00	92,40	0,00	57,00	97,30	181,40	665,25
0,00	88,00	80,50	0,00	76,00	86,80	168,50	633,95
0,00	95,00	77,00	0,00	59,00	94,50	172,00	642,35
0,00	90,00	76,65	0,00	75,00	87,15	166,65	688,55
0,00	101,00	71,75	0,00	69,00	73,15	172,75	679,90
0,00	106,00	78,40	0,00	106,00	81,90	184,40	695,80
0,00	110,00	79,10	0,00	78,00	74,20	189,10	712,90
0,00	105,00	74,55	0,00	76,00	75,60	179,55	725,80
0,00	82,00	112,00	0,00	35,00	89,60	194,00	
0,00	84,00	97,30	0,00	38,00	81,55	181,30	
0,00	98,00	94,15	0,00	69,00	68,60	192,15	
0,00	106,00	78,40	0,00	40,00	61,60	184,40	751,85
0,00	102,00	89,95	0,00	60,00	79,10	191,95	749,80
0,00	75,00	101,50	0,00	62,00	77,00	176,50	745,00
0,00	74,00	84,35	0,00	40,00	60,90	158,35	711,20
0,00	81,00	88,20	0,00	42,00	61,60	169,20	696,00

Volume lalulintas (smp/15')						Total volume lalulintas	Volume lalulintas
Arah Wonogiri			Arah Solo			(smp/15')	(smp/jam)
HV	LV	MC	HV	LV	MC	Arah Wonogiri	Arah Wonogiri
(10)=	(11)=	(12)=	(13)=	(14)=	(15)=	(16)=	
[(1)x1,2]	[(2)x1,0]	[(3)x0,35]	[(4)x1,2]	[(5)x1,0]	[(6)x0,35]	(10)+(11)+(12)	
0,00	44,00	52,15	1,20	38,00	37,45	96,15	
0,00	54,00	72,45	0,00	46,00	57,40	126,45	
2,40	81,00	101,85	0,00	61,00	136,50	185,25	
0,00	108,00	117,25	0,00	81,00	98,35	225,25	633,10
0,00	84,00	93,45	0,00	62,00	74,90	177,45	714,40
0,00	74,00	109,55	0,00	75,00	88,90	183,55	771,50
0,00	59,00	105,00	0,00	58,00	76,30	164,00	750,25
0,00	84,00	96,25	0,00	77,00	73,15	180,25	705,25
0,00	88,00	88,55	0,00	69,00	72,10	176,55	704,35
0,00	74,00	77,70	0,00	68,00	82,60	151,70	672,50
0,00	93,00	102,20	0,00	87,00	74,55	195,20	703,70
0,00	101,00	93,10	0,00	96,00	53,55	194,10	717,55
0,00	98,00	94,85	0,00	84,00	85,75	192,85	733,85
0,00	108,00	75,60	0,00	93,00	75,60	183,60	765,75
0,00	94,00	90,30	0,00	99,00	72,10	184,30	754,85

0,00	110,00	104,30	0,00	107,00	77,00	214,30	775,05
0,00	81,00	67,55	0,00	35,00	41,30	148,55	
0,00	117,00	91,00	0,00	38,00	54,95	208,00	
0,00	74,00	95,20	0,00	69,00	61,60	169,20	
0,00	107,00	113,05	0,00	40,00	49,00	220,05	745,80
0,00	97,00	112,00	0,00	60,00	31,85	209,00	806,25
0,00	143,00	115,50	0,00	62,00	45,85	258,50	856,75
0,00	91,00	116,90	0,00	40,00	49,35	207,90	895,45
0,00	103,00	125,30	0,00	42,00	71,05	228,30	903,70

Total volume lalulintas	Volume lalulintas
(smp/15')	(smp/jam)
Arah Solo	Arah Solo
(17)=	
(13)+(14)+(15)	
59,50	
85,00	
98,50	
97,50	340,50
78,50	359,50
78,00	352,50
81,50	335,50
139,40	377,40
110,00	408,90
95,30	426,20
117,00	461,70
109,50	431,80
96,50	418,30
136,00	459,00
126,00	468,00
129,00	487,50
63,00	
109,00	
111,00	
118,00	401,00
108,00	446,00
117,50	454,50
105,60	449,10
113,30	444,40

Total volume lalulintas	Volume lalulintas
(smp/15')	(smp/jam)
Arah Solo	Arah Solo

(17)=	
(13)+(14)+(15)	
132,25	
153,75	
210,75	
276,00	772,75
202,60	843,10
154,45	843,80
191,60	824,65
173,40	722,05
157,95	677,40
196,50	719,45
187,65	715,50
150,10	692,20
129,80	664,05
124,25	591,80
121,75	525,90
105,90	481,70
110,95	
123,20	
119,05	
83,40	436,60
88,70	414,35
94,55	385,70
69,20	335,85
80,50	332,95

Total volume lalulintas	Volume lalulintas
(smp/15')	(smp/jam)
Arah Solo	Arah Solo
(17)=	
(13)+(14)+(15)	
36,30	
112,50	
190,70	
203,60	543,10
132,80	639,60
135,85	662,95

155,75	628,00
169,35	593,75
154,30	615,25
162,80	642,20
153,50	639,95
162,15	632,75
142,15	620,60
187,90	645,70
152,20	644,40
151,60	633,85
124,60	
119,55	
137,60	
101,60	483,35
139,10	497,85
139,00	517,30
100,90	480,60
103,60	482,60

Total volume lalulintas (smp/15')	Volume lalulintas (smp/jam)
Arah Solo	Arah Solo
(17)=	
(13)+(14)+(15)	
76,65	
103,40	
197,50	
179,35	556,90
136,90	617,15
163,90	677,65
134,30	614,45
150,15	585,25
141,10	589,45
150,60	576,15
161,55	603,40
149,55	602,80
169,75	631,45
168,60	649,45
171,10	659,00

184,00	693,45
76,30	
92,95	
130,60	
89,00	388,85
91,85	404,40
107,85	419,30
89,35	378,05
113,05	402,10

Hasil Analisis Kecepatan Tempuh (Tidak Ada Parkir)

Hari / Tanggal : Selasa / 29 Agustus 2006

Surveyor : Wahyu

Arah Arus : Wonogiri - Solo

Jenis Kendaraan : LV

Jarak : 50 m

Waktu	Kend ke-	Waktu kendaraan (detik)		Waktu tempuh (detik) (1)	Kecepatan		Kecepatan rata-rata (Vt) km/jam
		Masuk	Keluar		m/dt (2)= 50/(1)	km/jam (3) = (2)*3,6	
06.00-06.15	1	06:01:12	06:01:21	00:00:09	5,56	20,00	24,16
	2	06:01:33	06:01:38	00:00:05	10,00	36,00	
	3	06:02:59	06:03:10	00:00:11	2,78	10,00	
	4	06:04:21	06:04:30	00:00:09	5,56	20,00	
	5	06:06:50	06:06:56	00:00:06	8,33	30,00	
	6	06:08:02	06:08:12	00:00:10	5,00	18,00	
	7	06:09:33	06:09:43	00:00:10	5,00	18,00	
	8	06:10:05	06:10:16	00:00:11	4,55	16,36	
	9	06:11:20	06:11:24	00:00:04	12,50	45,00	
	10	06:13:25	06:13:30	00:00:05	10,00	36,00	
	11	06:13:45	06:13:56	00:00:11	4,55	16,36	
06.15-06.30	1	06:15:03	06:15:15	00:00:12	4,17	15,00	19,26
	2	06:16:12	06:16:24	00:00:12	4,17	15,00	
	3	06:18:05	06:18:12	00:00:07	7,14	25,71	
	4	06:19:16	06:19:29	00:00:13	3,85	13,85	
	5	06:21:45	06:21:52	00:00:07	7,14	25,71	
	6	06:21:40	06:21:52	00:00:12	4,17	15,00	
	7	06:23:38	06:23:51	00:00:13	3,85	13,85	
	8	06:24:27	06:24:42	00:00:15	3,33	12,00	
	9	06:24:32	06:24:38	00:00:06	8,33	30,00	
	10	06:26:05	06:26:17	00:00:12	4,17	15,00	
	11	06:27:15	06:27:24	00:00:09	5,56	20,00	
	12	06:29:11	06:29:17	00:00:06	8,33	30,00	
06.30-06.45	1	06:30:31	06:30:38	00:00:07	7,14	25,71	21,13
	2	06:30:51	06:31:04	00:00:13	3,85	13,85	
	3	06:32:06	06:32:12	00:00:06	8,33	30,00	
	4	06:32:10	06:32:15	00:00:05	10,00	36,00	
	5	06:32:30	06:32:48	00:00:18	2,78	10,00	
	6	06:33:01	06:33:09	00:00:08	6,25	22,50	
	7	06:33:46	06:33:52	00:00:06	8,33	30,00	
	8	06:33:57	06:34:14	00:00:17	2,94	10,59	
	9	06:34:50	06:34:57	00:00:07	7,14	25,71	
	10	06:35:34	06:35:48	00:00:14	3,57	12,86	
	11	06:37:22	06:37:31	00:00:09	5,56	20,00	
	12	06:38:13	06:38:24	00:00:11	4,55	16,36	

06.45-07.00	1	06:46:30	06:46:37	00:00:07	7,14	25,71	28,22
	2	06:47:44	06:47:52	00:00:08	6,25	22,50	
	3	06:48:01	06:48:15	00:00:14	3,57	12,86	
	4	06:48:17	06:48:20	00:00:03	16,67	60,00	
	5	06:49:22	06:49:29	00:00:07	7,14	25,71	
	6	06:50:09	06:50:15	00:00:06	8,33	30,00	
	7	06:50:44	06:50:47	00:00:03	16,67	60,00	
	8	06:51:03	06:51:08	00:00:05	10,00	36,00	
	9	06:51:32	06:51:48	00:00:16	3,13	11,25	
	10	06:52:14	06:52:23	00:00:09	5,56	20,00	
	11	06:52:39	06:52:48	00:00:09	5,56	20,00	
	12	06:53:30	06:53:37	00:00:07	7,14	25,71	
	13	06:53:54	06:54:02	00:00:08	6,25	22,50	
	14	06:54:57	06:55:04	00:00:07	7,14	25,71	
	15	06:55:48	06:55:55	00:00:07	7,14	25,71	
	16	06:56:19	06:56:28	00:00:09	5,56	20,00	
	17	06:57:37	06:57:42	00:00:05	10,00	36,00	
07.00-07.15	1	07:01:05	07:01:09	00:00:04	12,50	45,00	35,86
	2	07:03:22	07:03:32	00:00:10	5,00	18,00	
	3	07:03:34	07:03:40	00:00:06	8,33	30,00	
	4	07:04:02	07:04:05	00:00:03	16,67	60,00	
	5	07:05:01	07:05:06	00:00:05	10,00	36,00	
	6	07:06:25	07:06:30	00:00:05	10,00	36,00	
	7	07:07:39	07:07:41	00:00:02	25,00	90,00	
	8	07:09:06	07:09:11	00:00:05	10,00	36,00	
	9	07:09:53	07:10:04	00:00:11	4,55	16,36	
	10	07:10:45	07:10:55	00:00:10	5,00	18,00	
	11	07:12:08	07:12:16	00:00:08	6,25	22,50	
	12	07:13:37	07:13:45	00:00:08	6,25	22,50	
07.15-07.30	1	07:15:03	07:15:06	00:00:03	16,67	60,00	38,12
	2	07:16:35	07:16:39	00:00:04	12,50	45,00	
	3	07:19:15	07:19:19	00:00:04	12,50	45,00	
	4	07:20:09	07:20:13	00:00:04	12,50	45,00	
	5	07:23:40	07:23:48	00:00:08	6,25	22,50	
	6	07:24:07	07:24:12	00:00:05	10,00	36,00	
	7	07:24:44	07:24:51	00:00:07	7,14	25,71	
	8	07:27:32	07:27:39	00:00:07	7,14	25,71	
07.30-07.45	1	07:30:15	07:30:20	00:00:05	10,00	36,00	32,00
	2	07:31:01	07:31:09	00:00:08	6,25	22,50	
	3	07:31:29	07:31:35	00:00:06	8,33	30,00	
	4	07:32:04	07:32:12	00:00:08	6,25	22,50	
	5	07:34:46	07:34:51	00:00:05	10,00	36,00	
	6	07:35:17	07:35:22	00:00:05	10,00	36,00	
	7	07:36:10	07:36:18	00:00:08	6,25	22,50	
	8	07:37:04	07:37:12	00:00:08	6,25	22,50	
	9	07:38:19	07:38:25	00:00:06	8,33	30,00	
	10	07:39:47	07:39:52	00:00:05	10,00	36,00	

	11	07:40:57	07:41:03	00:00:06	8,33	30,00	
	12	07:42:39	07:42:42	00:00:03	16,67	60,00	
07.45-08.00	1	07:45:39	07:45:45	00:00:06	8,33	30,00	25,82
	2	07:46:55	07:47:02	00:00:07	7,14	25,71	
	3	07:47:16	07:47:32	00:00:16	3,13	11,25	
	4	07:48:08	07:48:15	00:00:07	7,14	25,71	
	5	07:48:50	07:48:57	00:00:07	7,14	25,71	
	6	07:49:41	07:49:47	00:00:06	8,33	30,00	
	7	07:51:19	07:51:27	00:00:08	6,25	22,50	
	8	07:52:08	07:52:13	00:00:05	10,00	36,00	
	9	07:53:26	07:53:33	00:00:07	7,14	25,71	
	10	07:55:44	07:55:51	00:00:07	7,14	25,71	
	11	07:56:42	07:56:49	00:00:07	7,14	25,71	
08.00-08.15	1	08:01:26	08:01:31	00:00:05	10,00	36,00	31,11
	2	08:02:37	08:02:43	00:00:06	8,33	30,00	
	3	08:04:52	08:04:57	00:00:05	10,00	36,00	
	4	08:05:20	08:05:27	00:00:07	7,14	25,71	
	5	08:05:40	08:05:46	00:00:06	8,33	30,00	
	6	08:06:51	08:06:56	00:00:05	10,00	36,00	
	7	08:07:12	08:07:17	00:00:05	10,00	36,00	
	8	08:08:35	08:08:41	00:00:06	8,33	30,00	
	9	08:08:58	08:09:05	00:00:07	7,14	25,71	
	10	08:11:44	08:11:51	00:00:07	7,14	25,71	
08.15-08.30	1	08:15:33	08:15:40	00:00:07	7,14	25,71	31,20
	2	08:15:59	08:16:05	00:00:06	8,33	30,00	
	3	08:17:14	08:17:21	00:00:07	7,14	25,71	
	4	08:18:53	08:18:58	00:00:05	10,00	36,00	
	5	08:19:25	08:19:32	00:00:07	7,14	25,71	
	6	08:20:29	08:20:34	00:00:05	10,00	36,00	
	7	08:22:00	08:22:08	00:00:08	6,25	22,50	
	8	08:23:01	08:23:06	00:00:05	10,00	36,00	
	9	08:23:24	08:23:29	00:00:05	10,00	36,00	
	10	08:24:31	08:24:36	00:00:05	10,00	36,00	
	11	06:26:53	06:26:59	00:00:06	8,33	30,00	
	12	08:26:19	08:26:24	00:00:05	10,00	36,00	
	13	08:28:25	08:28:31	00:00:06	8,33	30,00	
08.30-08.45	1	08:30:33	08:30:45	00:00:12	4,17	15,00	26,54
	2	08:31:11	08:31:22	00:00:11	4,55	16,36	
	3	08:32:02	08:32:08	00:00:06	8,33	30,00	
	4	08:32:59	08:33:06	00:00:07	7,14	25,71	
	5	08:33:28	08:33:43	00:00:15	3,33	12,00	
	6	08:34:09	08:34:15	00:00:06	8,33	30,00	
	7	08:34:50	08:34:56	00:00:06	8,33	30,00	
	8	08:36:06	08:36:10	00:00:04	12,50	45,00	
	9	08:36:32	08:36:38	00:00:06	8,33	30,00	
	10	08:38:05	08:38:11	00:00:06	8,33	30,00	

	11	06:39:33	06:39:40	00:00:07	7,14	25,71	
	12	08:40:25	08:40:31	00:00:06	8,33	30,00	
	13	08:41:00	08:41:07	00:00:07	7,14	25,71	
	14	08:42:09	08:42:18	00:00:09	5,56	20,00	
	15	08:42:15	08:42:21	00:00:06	8,33	30,00	
	16	08:43:38	08:43:45	00:00:07	7,14	25,71	
	17	08:44:42	08:44:48	00:00:06	8,33	30,00	
08.45-09.00	1	08:45:23	08:45:29	00:00:06	8,33	30,00	32,12
	2	08:45:58	08:46:03	00:00:05	10,00	36,00	
	3	08:46:29	08:46:35	00:00:06	8,33	30,00	
	4	08:47:45	08:47:50	00:00:05	10,00	36,00	
	5	08:48:07	08:48:12	00:00:05	10,00	36,00	
	6	08:48:59	08:49:04	00:00:05	10,00	36,00	
	7	08:49:23	08:49:28	00:00:05	10,00	36,00	
	8	08:50:32	08:50:38	00:00:06	8,33	30,00	
	9	08:51:04	08:51:08	00:00:04	12,50	45,00	
	10	08:52:58	08:53:04	00:00:06	8,33	30,00	
	11	06:54:08	06:54:14	00:00:06	8,33	30,00	
	12	08:56:59	08:57:07	00:00:08	6,25	22,50	
	13	08:58:19	08:58:28	00:00:09	5,56	20,00	
09.00-09.15	1	09:00:05	09:00:11	00:00:06	8,33	30,00	31,31
	2	09:00:43	09:00:48	00:00:05	10,00	36,00	
	3	09:01:20	09:01:28	00:00:08	6,25	22,50	
	4	09:02:24	09:02:29	00:00:05	10,00	36,00	
	5	09:02:59	09:03:06	00:00:07	7,14	25,71	
	6	09:03:58	09:04:04	00:00:06	8,33	30,00	
	7	09:05:25	09:05:29	00:00:04	8,33	30,00	
	8	09:06:59	09:07:05	00:00:06	12,50	45,00	
	9	09:08:11	09:08:16	00:00:05	8,33	30,00	
	10	09:09:46	09:09:51	00:00:05	10,00	36,00	
	11	09:11:07	09:11:13	00:00:06	8,33	30,00	
	12	09:12:21	09:12:27	00:00:06	8,33	30,00	
	13	09:12:40	09:12:45	00:00:05	10,00	36,00	
	14	09:12:57	09:13:03	00:00:06	8,33	30,00	
	15	09:13:16	09:13:24	00:00:08	6,25	22,50	
09.15-09.30	1	09:15:36	09:15:44	00:00:08	6,25	22,50	31,18
	2	09:16:19	09:16:24	00:00:05	10,00	36,00	
	3	09:16:51	09:16:56	00:00:05	10,00	36,00	
	4	09:17:16	09:17:21	00:00:05	10,00	36,00	
	5	09:17:47	09:17:56	00:00:09	5,56	20,00	
	6	09:18:05	09:18:11	00:00:06	8,33	30,00	
	7	09:19:27	09:19:33	00:00:06	8,33	30,00	
	8	09:19:45	09:19:50	00:00:05	10,00	36,00	
	9	09:20:19	09:20:26	00:00:07	7,14	25,71	
	10	09:20:41	09:20:47	00:00:06	8,33	30,00	
	11	09:21:09	09:21:14	00:00:05	10,00	36,00	
	12	09:22:41	09:22:46	00:00:05	10,00	36,00	

09.30-09.45	1	09:45:49	09:45:54	00:00:05	10,00	36,00	29,66
	2	09:46:19	09:46:25	00:00:06	8,33	30,00	
	3	09:46:35	09:46:42	00:00:07	7,14	25,71	
	4	09:47:22	09:47:29	00:00:07	7,14	25,71	
	5	09:47:46	09:47:52	00:00:06	8,33	30,00	
	6	09:47:59	09:48:06	00:00:07	7,14	25,71	
	7	09:48:50	09:48:57	00:00:07	7,14	25,71	
	8	09:50:11	09:50:18	00:00:07	7,14	25,71	
	9	09:51:10	09:51:15	00:00:05	10,00	36,00	
	10	09:52:49	09:52:54	00:00:05	10,00	36,00	
09.45-10.00	1	09:45:45	09:45:52	00:00:07	7,14	25,71	28,40
	2	09:46:46	09:46:53	00:00:07	7,14	25,71	
	3	09:47:13	09:47:20	00:00:07	7,14	25,71	
	4	09:47:37	09:47:43	00:00:06	8,33	30,00	
	5	09:47:51	09:47:57	00:00:06	8,33	30,00	
	6	09:48:29	09:48:35	00:00:06	8,33	30,00	
	7	09:49:41	09:49:47	00:00:06	8,33	30,00	
	8	09:51:02	09:51:10	00:00:08	6,25	22,50	
	9	09:51:21	09:51:26	00:00:05	10,00	36,00	
14.00-14.15	1	14:02:05	14:02:09	00:00:04	12,50	45,00	25,59
	2	14:02:33	14:02:51	00:00:18	2,78	10,00	
	3	14:03:23	14:03:30	00:00:07	7,14	25,71	
	4	14:03:54	14:04:05	00:00:11	4,55	16,36	
	5	14:04:26	14:04:33	00:00:07	7,14	25,71	
	6	14:04:43	14:04:50	00:00:07	7,14	25,71	
	7	14:04:59	14:05:05	00:00:06	8,33	30,00	
	8	14:06:30	14:06:37	00:00:07	7,14	25,71	
	9	14:06:48	14:06:54	00:00:06	8,33	30,00	
	10	14:07:42	14:07:48	00:00:06	8,33	30,00	
	11	14:07:57	14:08:03	00:00:06	8,33	30,00	
	12	14:12:21	14:12:35	00:00:14	3,57	12,86	
14.15-14.30	1	14:15:06	14:15:13	00:00:07	7,14	25,71	20,97
	2	14:16:29	14:16:36	00:00:07	7,14	25,71	
	3	14:16:59	14:17:25	00:00:26	1,92	6,92	
	4	14:17:02	14:17:34	00:00:32	1,56	5,63	
	5	14:17:23	14:17:29	00:00:06	8,33	30,00	
	6	14:17:47	14:17:52	00:00:05	10,00	36,00	
	7	14:19:16	14:19:27	00:00:11	4,55	16,36	
	8	14:20:27	14:20:34	00:00:07	7,14	25,71	
	9	14:20:50	14:21:16	00:00:26	1,92	6,92	
	10	14:21:41	14:21:48	00:00:07	7,14	25,71	
	11	14:22:02	14:22:08	00:00:06	8,33	30,00	
	12	14:22:16	14:22:23	00:00:07	7,14	25,71	
	13	14:24:55	14:25:02	00:00:07	7,14	25,71	
	14	14:25:14	14:25:38	00:00:24	2,08	7,50	

14.30-14.45	1	14:30:35	14:30:42	00:00:07	7,14	25,71	25,53
	2	14:31:11	14:31:18	00:00:07	7,14	25,71	
	3	14:31:33	14:31:41	00:00:08	6,25	22,50	
	4	14:31:52	14:31:58	00:00:06	8,33	30,00	
	5	14:32:26	14:32:34	00:00:08	6,25	22,50	
	6	14:32:43	14:32:47	00:00:04	12,50	45,00	
	7	14:33:02	14:33:09	00:00:07	7,14	25,71	
	8	14:34:14	14:34:21	00:00:07	7,14	25,71	
	9	14:34:34	14:34:43	00:00:09	5,56	20,00	
	10	14:34:50	14:35:00	00:00:10	5,00	18,00	
	11	14:35:15	14:35:22	00:00:07	7,14	25,71	
	12	14:37:16	14:37:22	00:00:06	8,33	30,00	
	13	14:37:33	14:37:41	00:00:08	6,25	22,50	
	14	14:38:57	14:39:04	00:00:07	7,14	25,71	
	15	14:39:17	14:39:24	00:00:07	7,14	25,71	
	16	14:44:10	14:44:20	00:00:10	5,00	18,00	
14.45-15.00	1	14:45:19	14:45:26	00:00:07	7,14	25,71	24,01
	2	14:45:44	14:45:52	00:00:08	6,25	22,50	
	3	14:46:49	14:47:01	00:00:12	4,17	15,00	
	4	14:47:10	14:47:19	00:00:09	5,56	20,00	
	5	14:47:26	14:47:34	00:00:08	6,25	22,50	
	6	14:48:23	14:48:28	00:00:05	10,00	36,00	
	7	14:48:38	14:48:44	00:00:06	8,33	30,00	
	8	14:49:33	14:49:42	00:00:09	5,56	20,00	
	9	14:49:57	14:50:05	00:00:08	6,25	22,50	
	10	14:51:14	14:51:21	00:00:07	7,14	25,71	
	11	14:53:04	14:53:12	00:00:08	6,25	22,50	
	12	14:53:27	14:53:34	00:00:07	7,14	25,71	
15.00-15.15	1	15:00:39	15:00:45	00:00:06	8,33	30,00	26,03
	2	15:00:56	15:01:01	00:00:05	10,00	36,00	
	3	15:01:13	15:01:21	00:00:08	6,25	22,50	
	4	15:02:02	15:02:08	00:00:06	8,33	30,00	
	5	15:02:34	15:02:41	00:00:07	7,14	25,71	
	6	15:02:52	15:03:08	00:00:16	3,13	11,25	
	7	15:03:45	15:03:52	00:00:07	7,14	25,71	
	8	15:04:08	15:04:14	00:00:06	8,33	30,00	
	9	15:05:18	15:05:23	00:00:05	10,00	36,00	
	10	15:05:50	15:05:57	00:00:07	7,14	25,71	
	11	15:06:01	15:06:10	00:00:09	5,56	20,00	
	12	15:06:50	15:06:56	00:00:06	8,33	30,00	
	13	15:07:17	15:07:26	00:00:09	5,56	20,00	
	14	15:08:45	15:08:52	00:00:07	7,14	25,71	
	15	15:09:05	15:09:11	00:00:06	8,33	30,00	
	16	15:12:36	15:12:49	00:00:13	3,85	13,85	
	17	15:13:46	15:13:52	00:00:06	8,33	30,00	
15.15-15.30	1	15:16:48	15:16:56	00:00:08	6,25	22,50	30,37

	2	15:17:04	15:17:11	00:00:07	7,14	25,71	
	3	15:18:03	15:18:10	00:00:07	7,14	25,71	
	4	15:18:19	15:18:26	00:00:07	7,14	25,71	
	5	15:19:54	15:19:59	00:00:05	10,00	36,00	
	6	15:20:22	15:20:28	00:00:06	8,33	30,00	
	7	15:20:33	15:20:41	00:00:08	6,25	22,50	
	8	15:20:57	15:21:03	00:00:06	8,33	30,00	
	9	15:21:37	15:21:43	00:00:06	8,33	30,00	
	10	15:21:56	15:22:03	00:00:07	7,14	25,71	
	11	15:23:02	15:23:07	00:00:05	10,00	36,00	
	12	15:23:16	15:23:23	00:00:07	7,14	25,71	
	13	15:24:36	15:24:40	00:00:04	12,50	45,00	
	14	15:25:47	15:25:51	00:00:04	12,50	45,00	
	15	15:26:24	15:26:30	00:00:06	8,33	30,00	
15.30-15.45	1	15:30:38	15:30:43	00:00:05	10,00	36,00	31,73
	2	15:30:55	15:31:01	00:00:06	8,33	30,00	
	3	15:31:07	15:31:13	00:00:06	8,33	30,00	
	4	15:32:08	15:32:14	00:00:06	8,33	30,00	
	5	15:32:26	15:32:31	00:00:05	10,00	36,00	
	6	15:32:42	15:32:47	00:00:05	10,00	36,00	
	7	15:33:50	15:33:57	00:00:07	7,14	25,71	
	8	15:34:08	15:34:13	00:00:05	10,00	36,00	
	9	15:34:20	15:34:27	00:00:07	7,14	25,71	
	10	15:34:37	15:34:44	00:00:07	7,14	25,71	
	11	15:35:15	15:35:19	00:00:04	12,50	45,00	
	12	15:35:39	15:35:43	00:00:04	12,50	45,00	
	13	15:36:59	15:37:05	00:00:06	8,33	30,00	
	14	15:37:35	15:37:42	00:00:07	7,14	25,71	
	15	15:38:43	15:38:51	00:00:08	6,25	22,50	
	16	15:39:14	15:39:20	00:00:06	8,33	30,00	
	17	15:40:41	15:40:47	00:00:06	8,33	30,00	
15.45-16.00	1	15:45:35	15:45:42	00:00:07	7,14	25,71	28,60
	2	15:47:04	15:47:11	00:00:07	7,14	25,71	
	3	15:47:55	15:48:01	00:00:06	8,33	30,00	
	4	15:48:08	15:48:13	00:00:05	10,00	36,00	
	5	15:48:27	15:48:33	00:00:06	8,33	30,00	
	6	15:48:42	15:48:47	00:00:05	10,00	36,00	
	7	15:48:47	15:48:54	00:00:07	7,14	25,71	
	8	15:50:07	15:50:12	00:00:05	10,00	36,00	
	9	15:50:29	15:50:40	00:00:11	4,55	16,36	
	10	15:51:31	15:51:39	00:00:08	6,25	22,50	
	11	15:52:30	15:52:37	00:00:07	7,14	25,71	
	12	15:52:57	15:53:04	00:00:07	7,14	25,71	
	13	15:53:14	15:53:18	00:00:04	12,50	45,00	
	14	15:53:30	15:53:39	00:00:09	5,56	20,00	

Hari / Tanggal : Selasa / 29 Agustus 2006

Surveyor : Wahyu Adi
Arah Arus : Solo - Wonogiri
Jenis Kendaraan : LV
Jarak : 50 m

Waktu	Kend ke-	Waktu kendaraan (detik)		Waktu tempuh (detik) (1)	Kecepatan		Kecepatan rata-rata (Vt) km/jam
		Masuk	Keluar		m/dt (2)= 50/(1)	km/jam (3) = (2)*3,6	
06.00-06.15	1	06:04:10	06:04:22	00:00:12	4,17	15,00	19,71
	2	06:04:51	06:04:56	00:00:05	10,00	36,00	
	3	06:06:04	06:06:16	00:00:12	4,17	15,00	
	4	06:07:35	06:07:46	00:00:11	4,55	16,36	
	5	06:09:05	06:09:18	00:00:13	3,85	13,85	
	6	06:10:11	06:10:23	00:00:12	4,17	15,00	
	7	06:12:05	06:12:11	00:00:06	8,33	30,00	
	8	06:12:33	06:12:46	00:00:13	3,85	13,85	
	9	06:13:43	06:13:49	00:00:06	8,33	30,00	
	10	06:16:20	06:16:35	00:00:15	3,33	12,00	
06.15-06.30	1	06:17:08	06:17:21	00:00:13	3,85	13,85	19,84
	2	06:18:24	06:18:36	00:00:12	4,17	15,00	
	3	06:21:12	06:21:24	00:00:12	4,17	15,00	
	4	06:23:04	06:23:09	00:00:05	10,00	36,00	
	5	06:24:16	06:24:27	00:00:11	4,55	16,36	
	6	06:24:45	06:24:51	00:00:06	8,33	30,00	
	7	06:27:52	06:28:03	00:00:11	4,55	16,36	
	8	06:28:03	06:28:12	00:00:09	5,56	20,00	
	9	06:28:11	06:28:18	00:00:07	7,14	25,71	
	10	06:29:17	06:29:29	00:00:12	4,17	15,00	
	11	06:29:43	06:29:55	00:00:12	4,17	15,00	
06.30-06.45	1	06:31:10	06:31:17	00:00:07	7,14	25,71	31,99
	2	06:32:48	06:32:58	00:00:10	5,00	18,00	
	3	06:33:44	06:33:51	00:00:07	7,14	25,71	
	4	06:34:18	06:34:26	00:00:08	6,25	22,50	
	5	06:35:20	06:35:25	00:00:05	10,00	36,00	
	6	06:36:12	06:36:15	00:00:03	16,67	60,00	
	7	06:36:30	06:36:35	00:00:05	10,00	36,00	
06.45-07.00	1	06:45:55	06:45:59	00:00:04	12,50	45,00	34,12
	2	06:47:08	06:47:15	00:00:07	7,14	25,71	
	3	06:47:57	06:48:05	00:00:08	6,25	22,50	
	4	06:48:25	06:48:29	00:00:04	12,50	45,00	
	5	06:49:49	06:49:54	00:00:05	10,00	36,00	
	6	06:50:24	06:50:30	00:00:06	8,33	30,00	
	7	06:50:55	06:51:04	00:00:09	5,56	20,00	
	8	06:52:33	06:52:37	00:00:04	12,50	45,00	
	9	06:53:26	06:53:31	00:00:05	10,00	36,00	
	10	06:54:02	06:54:07	00:00:05	10,00	36,00	

07.00-07.15	1	07:01:48	07:01:58	00:00:10	5,00	18,00	26,62
	2	07:02:33	07:02:39	00:00:06	8,33	30,00	
	3	07:04:19	07:04:25	00:00:06	8,33	30,00	
	4	07:05:19	07:05:29	00:00:10	5,00	18,00	
	5	07:06:25	07:06:31	00:00:06	8,33	30,00	
	6	07:06:58	07:07:05	00:00:07	7,14	25,71	
	7	07:07:47	07:07:56	00:00:09	5,56	20,00	
	8	07:08:32	07:08:40	00:00:08	6,25	22,50	
	9	07:09:05	07:09:10	00:00:05	10,00	36,00	
	10	07:09:39	07:09:44	00:00:05	10,00	36,00	
07.15-07.30	1	07:15:34	07:15:42	00:00:08	6,25	22,50	24,05
	2	07:17:23	07:17:33	00:00:10	5,00	18,00	
	3	07:18:06	07:18:12	00:00:06	8,33	30,00	
	4	07:18:59	07:19:06	00:00:07	7,14	25,71	
07.30-07.45	1	07:30:32	07:30:37	00:00:05	10,00	36,00	34,38
	2	07:31:07	07:31:11	00:00:04	12,50	45,00	
	3	07:32:01	07:32:08	00:00:07	7,14	25,71	
	4	07:32:25	07:32:31	00:00:06	8,33	30,00	
	5	07:33:05	07:33:10	00:00:05	10,00	36,00	
	6	07:34:28	07:34:35	00:00:07	7,14	25,71	
	7	07:35:15	07:35:20	00:00:05	10,00	36,00	
	8	07:36:19	07:36:25	00:00:06	8,33	30,00	
	9	07:36:50	07:36:54	00:00:04	12,50	45,00	
07.45-08.00	1	07:45:54	07:45:58	00:00:04	12,50	45,00	32,62
	2	07:46:18	07:46:22	00:00:04	12,50	45,00	
	3	07:46:58	07:47:06	00:00:08	6,25	22,50	
	4	07:53:38	07:53:45	00:00:07	7,14	25,71	
	5	07:54:42	07:54:45	00:00:03	16,67	60,00	
	6	07:55:18	07:55:24	00:00:06	8,33	30,00	
	7	07:56:14	07:56:24	00:00:10	5,00	18,00	
	8	07:56:41	07:56:47	00:00:06	8,33	30,00	
	9	07:57:18	07:57:27	00:00:09	5,56	20,00	
	10	07:57:45	07:57:51	00:00:06	8,33	30,00	
08.00-08.15	1	08:05:15	08:05:20	00:00:05	10,00	36,00	56,70
	2	08:06:33	08:06:35	00:00:02	25,00	90,00	
	3	08:07:07	08:07:10	00:00:03	16,67	60,00	
	4	08:07:42	08:07:46	00:00:04	12,50	45,00	
	5	08:08:14	08:08:17	00:00:03	16,67	60,00	
	6	08:08:46	08:08:48	00:00:02	25,00	90,00	
	7	08:09:33	08:09:36	00:00:03	16,67	60,00	
	8	08:10:55	08:10:59	00:00:04	12,50	45,00	
	9	08:11:52	08:11:56	00:00:04	12,50	45,00	
	10	08:14:51	08:14:56	00:00:05	10,00	36,00	
08.15-08.30	1	08:16:23	08:16:28	00:00:05	10,00	36,00	34,39
	2	08:17:12	08:17:17	00:00:05	10,00	36,00	

	3	08:17:45	08:17:50	00:00:05	10,00	36,00	
	4	08:22:16	08:22:21	00:00:05	10,00	36,00	
	5	08:23:05	08:23:10	00:00:05	10,00	36,00	
	6	08:24:13	08:24:17	00:00:04	12,50	45,00	
	7	08:24:42	08:24:50	00:00:08	6,25	22,50	
	8	08:29:42	08:29:49	00:00:07	7,14	25,71	
	9	08:30:29	08:30:33	00:00:04	12,50	45,00	
	10	08:30:35	08:30:42	00:00:07	7,14	25,71	
08.30-08.45	1	08:31:22	08:31:26	00:00:04	12,50	45,00	30,51
	2	08:32:06	08:32:11	00:00:05	10,00	36,00	
	3	08:34:13	08:34:19	00:00:06	8,33	30,00	
	4	08:34:42	08:34:47	00:00:05	10,00	36,00	
	5	08:36:06	08:36:12	00:00:06	8,33	30,00	
	6	08:37:40	08:37:49	00:00:09	5,56	20,00	
	7	08:38:59	08:39:06	00:00:07	7,14	25,71	
	8	08:39:36	08:39:47	00:00:11	4,55	16,36	
	9	08:40:05	08:40:10	00:00:05	10,00	36,00	
	10	08:41:10	08:41:16	00:00:06	8,33	30,00	
08.45-09.00	1	08:46:25	08:46:30	00:00:05	10,00	36,00	34,50
	2	08:47:18	08:47:22	00:00:04	12,50	45,00	
	3	08:48:10	08:48:15	00:00:05	10,00	36,00	
	4	08:49:06	08:49:11	00:00:05	10,00	36,00	
	5	08:50:08	08:50:13	00:00:05	10,00	36,00	
	6	08:52:00	08:52:06	00:00:06	8,33	30,00	
	7	08:52:35	08:52:47	00:00:12	4,17	15,00	
	8	08:54:59	08:55:05	00:00:06	8,33	30,00	
	9	08:55:56	08:56:01	00:00:05	10,00	36,00	
	10	08:57:30	08:57:34	00:00:04	12,50	45,00	
09.00-09.15	1	09:05:44	09:05:49	00:00:05	10,00	36,00	36,89
	2	09:06:32	09:06:35	00:00:03	16,67	60,00	
	3	09:07:29	09:07:34	00:00:05	10,00	36,00	
	4	09:08:25	09:08:30	00:00:05	10,00	36,00	
	5	09:08:56	09:09:01	00:00:05	10,00	36,00	
	6	09:10:20	09:10:27	00:00:07	7,14	25,71	
	7	09:11:13	09:11:18	00:00:05	10,00	36,00	
	8	09:12:04	09:12:10	00:00:06	8,33	30,00	
	9	09:12:30	09:12:35	00:00:05	10,00	36,00	
	10	09:13:08	09:13:12	00:00:04	12,50	45,00	
	11	09:13:43	09:13:49	00:00:06	8,33	30,00	
	12	09:14:04	09:14:09	00:00:05	10,00	36,00	
09.15-09.30	1	09:16:42	09:16:46	00:00:04	12,50	45,00	36,17
	2	09:17:46	09:17:50	00:00:04	12,50	45,00	
	3	09:19:05	09:19:10	00:00:05	10,00	36,00	
	4	09:19:33	09:19:39	00:00:06	8,33	30,00	
	5	09:20:12	09:20:18	00:00:06	8,33	30,00	
	6	09:21:05	09:21:11	00:00:06	8,33	30,00	

	7	09:21:32	09:21:35	00:00:03	16,67	60,00	
	8	09:23:01	09:23:08	00:00:07	7,14	25,71	
	9	09:23:20	09:23:26	00:00:06	8,33	30,00	
	10	09:24:53	09:24:59	00:00:06	8,33	30,00	
09.30-09.45	1	09:30:39	09:30:45	00:00:06	8,33	30,00	34,21
	2	09:32:52	09:32:57	00:00:05	10,00	36,00	
	3	09:33:29	09:33:34	00:00:05	10,00	36,00	
	4	09:33:56	09:34:05	00:00:09	5,56	20,00	
	5	09:34:21	09:34:25	00:00:04	12,50	45,00	
	6	09:35:06	09:35:11	00:00:05	10,00	36,00	
	7	09:36:40	09:36:47	00:00:07	7,14	25,71	
	8	09:37:21	09:37:25	00:00:04	12,50	45,00	
09.45-10.00	1	09:45:37	09:45:43	00:00:06	8,33	30,00	30,92
	2	09:46:14	09:46:21	00:00:07	7,14	25,71	
	3	09:47:01	09:47:08	00:00:07	7,14	25,71	
	4	09:47:22	09:47:28	00:00:06	8,33	30,00	
	5	09:47:47	09:47:51	00:00:04	12,50	45,00	
	6	09:48:11	09:48:17	00:00:06	8,33	30,00	
	7	09:48:46	09:48:52	00:00:06	8,33	30,00	
14.00-14.15	1	14:04:21	14:04:28	00:00:07	7,14	25,71	36,29
	2	14:05:53	14:05:58	00:00:05	10,00	36,00	
	3	14:06:26	14:06:32	00:00:06	8,33	30,00	
	4	14:07:59	14:08:03	00:00:04	12,50	45,00	
	5	14:08:22	14:08:28	00:00:06	8,33	30,00	
	6	14:09:51	14:09:57	00:00:06	8,33	30,00	
	7	14:10:12	14:10:22	00:00:10	5,00	18,00	
	8	14:10:57	14:10:59	00:00:02	25,00	90,00	
	9	14:11:19	14:11:23	00:00:04	12,50	45,00	
	10	14:12:29	14:12:35	00:00:06	8,33	30,00	
	11	14:12:51	14:12:58	00:00:07	7,14	25,71	
	12	14:14:05	14:14:11	00:00:06	8,33	30,00	
14.15-14.30	1	14:16:49	14:16:55	00:00:06	8,33	30,00	43,54
	2	14:17:15	14:17:19	00:00:04	12,50	45,00	
	3	14:17:49	14:17:53	00:00:04	12,50	45,00	
	4	14:19:02	14:19:06	00:00:04	16,67	60,00	
	5	14:19:24	14:19:27	00:00:03	16,67	60,00	
	6	14:19:54	14:20:01	00:00:07	7,14	25,71	
	7	14:20:19	14:20:22	00:00:03	16,67	60,00	
	8	14:20:47	14:20:51	00:00:04	12,50	45,00	
	9	14:21:35	14:21:40	00:00:05	10,00	36,00	
	10	14:22:44	14:22:47	00:00:03	16,67	60,00	
	11	14:23:05	14:23:12	00:00:07	7,14	25,71	
	12	14:23:36	14:23:42	00:00:06	8,33	30,00	
14.30-14.45	1	14:36:20	14:36:27	00:00:07	7,14	25,71	36,40

	2	14:38:28	14:38:32	00:00:04	12,50	45,00	
	3	14:30:56	14:31:02	00:00:06	8,33	30,00	
	4	14:31:32	14:31:36	00:00:04	12,50	45,00	
	5	14:31:51	14:31:56	00:00:05	10,00	36,00	
	6	14:32:23	14:32:27	00:00:04	12,50	45,00	
	7	14:33:23	14:33:27	00:00:04	12,50	45,00	
	8	14:33:51	14:33:57	00:00:06	8,33	30,00	
	9	14:34:16	14:34:23	00:00:07	7,14	25,71	
	10	14:34:36	14:34:43	00:00:07	7,14	25,71	
	11	14:35:04	14:35:08	00:00:04	12,50	45,00	
	12	14:35:34	14:35:40	00:00:06	8,33	30,00	
	13	14:37:03	14:37:07	00:00:04	12,50	45,00	
14.45-15.00	1	14:45:47	14:45:53	00:00:06	8,33	30,00	39,97
	2	14:46:13	14:46:18	00:00:05	10,00	36,00	
	3	14:46:53	14:46:58	00:00:05	10,00	36,00	
	4	14:47:23	14:47:28	00:00:05	10,00	36,00	
	5	14:48:16	14:48:23	00:00:07	7,14	25,71	
	6	14:48:40	14:48:43	00:00:03	16,67	60,00	
	7	14:50:02	14:50:05	00:00:03	16,67	60,00	
	8	14:50:42	14:50:48	00:00:06	8,33	30,00	
	9	14:51:27	14:51:31	00:00:04	12,50	45,00	
	10	14:52:04	14:52:09	00:00:05	10,00	36,00	
	11	14:52:33	14:52:37	00:00:04	12,50	45,00	
15.00-15.15	1	15:01:02	15:01:07	00:00:05	10,00	36,00	36,88
	2	15:01:23	15:01:27	00:00:04	12,50	45,00	
	3	15:01:53	15:01:57	00:00:04	12,50	45,00	
	4	15:02:23	15:02:38	00:00:15	3,33	12,00	
	5	15:03:48	15:03:53	00:00:05	10,00	36,00	
	6	15:04:30	15:04:34	00:00:04	12,50	45,00	
	7	15:04:48	15:04:54	00:00:06	8,33	30,00	
	8	15:05:14	15:05:18	00:00:04	12,50	45,00	
	9	15:06:48	15:06:53	00:00:05	10,00	36,00	
	10	15:07:43	15:07:47	00:00:04	12,50	45,00	
	11	15:08:08	15:08:12	00:00:04	12,50	45,00	
	12	15:09:01	15:09:09	00:00:08	6,25	22,50	
15.15-15.30	1	15:16:55	15:16:59	00:00:04	12,50	45,00	38,86
	2	15:17:33	15:17:38	00:00:05	10,00	36,00	
	3	15:18:18	15:18:22	00:00:04	12,50	45,00	
	4	15:20:45	15:20:49	00:00:04	12,50	45,00	
	5	15:23:39	15:23:43	00:00:04	12,50	45,00	
	6	15:23:50	15:23:55	00:00:05	10,00	36,00	
	7	15:24:18	15:24:26	00:00:08	6,25	22,50	
	8	15:25:25	15:25:30	00:00:05	10,00	36,00	
	9	15:26:06	15:26:11	00:00:05	10,00	36,00	
	10	15:26:52	15:26:57	00:00:05	10,00	36,00	
	11	15:27:43	15:27:47	00:00:04	12,50	45,00	

15.30-15.45	1	15:30:14	15:30:19	00:00:05	10,00	36,00	42,00
	2	15:31:55	15:31:59	00:00:04	12,50	45,00	
	3	15:32:22	15:32:27	00:00:05	10,00	36,00	
	4	15:32:57	15:33:02	00:00:05	10,00	36,00	
	5	15:33:24	15:33:27	00:00:03	12,50	45,00	
	6	15:33:58	15:34:02	00:00:04	12,50	45,00	
	7	15:34:35	15:34:39	00:00:04	12,50	45,00	
	8	15:34:50	15:34:55	00:00:05	10,00	36,00	
	9	15:35:18	15:35:21	00:00:03	16,67	60,00	
	10	15:36:03	15:36:08	00:00:05	10,00	36,00	
15.45-16.00	1	15:45:50	15:45:55	00:00:05	10,00	36,00	37,36
	2	15:46:21	15:46:26	00:00:05	10,00	36,00	
	3	15:46:59	15:47:03	00:00:04	12,50	45,00	
	4	15:47:56	15:48:00	00:00:04	12,50	45,00	
	5	15:48:58	15:49:03	00:00:05	10,00	36,00	
	6	15:49:45	15:49:50	00:00:05	10,00	36,00	
	7	15:50:27	15:50:32	00:00:05	10,00	36,00	
	8	15:51:11	15:51:15	00:00:04	12,50	45,00	
	9	15:51:40	15:51:45	00:00:05	10,00	36,00	
	10	15:52:34	15:52:40	00:00:06	8,33	30,00	
	11	15:53:11	15:53:17	00:00:06	8,33	30,00	

Hari / Tanggal : Selasa / 29 Agustus 2006
Surveyor : Yudi
Arah Arus : Wonogiri - Solo
Jenis Kendaraan : Sepeda motor (MC)
Jarak : 50 m

Waktu	Kend ke-	Waktu kendaraan (detik)		Waktu tempuh (detik)	Kecepatan		Kecepatan rata-rata (Vt) km/jam
		Masuk	Keluar		m/dt	km/jam	
				(1)	(2)= 50/(1)	(3) = (2)*3,6	
06.00-06.15	1	06:00:00	06:00:06	00:00:06	8,33	30,00	20,70
	2	06:00:00	06:00:13	00:00:13	3,85	13,85	
	3	06:01:02	06:01:10	00:00:08	6,25	22,50	
	4	06:01:13	06:01:22	00:00:09	5,56	20,00	
	5	06:02:12	06:02:23	00:00:11	4,55	16,36	
	6	06:02:26	06:02:33	00:00:07	7,14	25,71	
	7	06:03:03	06:03:11	00:00:08	6,25	22,50	
	8	06:04:11	06:04:20	00:00:09	5,56	20,00	
	9	06:05:03	06:05:12	00:00:09	5,56	20,00	
	10	06:06:08	06:06:15	00:00:07	7,14	25,71	
	11	06:07:07	06:07:14	00:00:07	7,14	25,71	
	12	06:08:05	06:08:13	00:00:08	6,25	22,50	
	13	06:09:24	06:09:36	00:00:12	4,17	15,00	
	14	06:10:09	06:10:18	00:00:09	5,56	20,00	
	15	06:11:02	06:11:13	00:00:11	4,55	16,36	
	16	06:12:15	06:12:28	00:00:13	3,85	13,85	

	17	06:13:36	06:13:48	00:00:12	4,17	15,00	
	18	06:14:13	06:14:27	00:00:14	3,57	12,86	
	19	06:14:30	06:14:42	00:00:12	4,17	15,00	
	20	06:14:46	06:14:53	00:00:07	7,14	25,71	
	21	06:14:54	06:14:59	00:00:05	10,00	36,00	
06.15-06.30	1	06:15:00	06:15:03	00:00:03	16,67	60,00	44,42
	2	06:15:05	06:15:09	00:00:04	12,50	45,00	
	3	06:16:10	06:16:25	00:00:15	3,33	12,00	
	4	06:16:31	06:16:35	00:00:04	12,50	45,00	
	5	06:17:20	06:17:22	00:00:02	25,00	90,00	
	6	06:17:47	06:17:49	00:00:02	25,00	90,00	
	7	06:17:51	06:17:54	00:00:03	16,67	60,00	
	8	06:19:46	06:19:51	00:00:05	10,00	36,00	
	9	06:20:07	06:20:11	00:00:04	12,50	45,00	
	10	06:20:48	06:20:53	00:00:05	10,00	36,00	
	11	06:22:16	06:22:20	00:00:04	12,50	45,00	
	12	06:22:37	06:22:41	00:00:04	12,50	45,00	
	13	06:22:51	06:22:54	00:00:03	16,67	60,00	
	14	06:23:21	06:23:26	00:00:05	10,00	36,00	
	15	06:23:44	06:23:48	00:00:04	12,50	45,00	
	16	06:24:07	06:24:10	00:00:03	16,67	60,00	
	17	06:24:22	06:24:26	00:00:04	12,50	45,00	
	18	06:24:36	06:24:42	00:00:06	8,33	30,00	
	19	06:25:03	06:25:08	00:00:05	10,00	36,00	
	20	06:25:19	06:25:24	00:00:05	10,00	36,00	
	21	06:25:42	06:25:47	00:00:05	10,00	36,00	
	22	06:25:56	06:26:03	00:00:07	7,14	25,71	
	23	06:26:28	06:26:35	00:00:07	7,14	25,71	
	24	06:27:05	06:27:09	00:00:04	12,50	45,00	
	25	06:28:03	06:28:06	00:00:03	16,67	60,00	
	26	06:28:36	06:28:42	00:00:06	8,33	30,00	
	27	06:29:40	06:29:49	00:00:09	5,56	20,00	
06.30-06.45	1	06:30:00	06:30:07	00:00:07	7,14	25,71	32,80
	2	06:30:40	06:30:44	00:00:04	12,50	45,00	
	3	06:30:51	06:30:57	00:00:06	8,33	30,00	
	4	06:31:05	06:31:10	00:00:05	10,00	36,00	
	5	06:32:05	06:32:10	00:00:05	10,00	36,00	
	6	06:32:18	06:32:23	00:00:05	10,00	36,00	
	7	06:32:31	06:32:38	00:00:07	7,14	25,71	
	8	06:32:51	06:32:59	00:00:08	6,25	22,50	
	9	06:33:10	06:33:16	00:00:06	8,33	30,00	
	10	06:33:36	06:33:41	00:00:05	10,00	36,00	
	11	06:33:51	06:33:57	00:00:06	8,33	30,00	
	12	06:34:06	06:34:12	00:00:06	8,33	30,00	
	13	06:35:05	06:35:11	00:00:06	8,33	30,00	
	14	06:35:21	06:35:26	00:00:05	10,00	36,00	
	15	06:35:55	06:36:01	00:00:06	8,33	30,00	
	16	06:36:44	06:36:50	00:00:06	8,33	30,00	

	17	06:37:21	06:37:29	00:00:08	6,25	22,50	
	18	06:37:47	06:37:53	00:00:06	8,33	30,00	
	19	06:38:03	06:38:06	00:00:03	16,67	60,00	
	20	06:38:28	06:38:35	00:00:07	7,14	25,71	
	21	06:38:54	06:39:01	00:00:07	7,14	25,71	
	22	06:39:21	06:39:28	00:00:07	7,14	25,71	
	23	06:39:50	06:39:58	00:00:08	6,25	22,50	
	24	06:40:57	06:41:03	00:00:06	8,33	30,00	
	25	06:41:23	06:41:31	00:00:08	6,25	22,50	
	26	06:41:51	06:41:58	00:00:07	7,14	25,71	
	27	06:42:43	06:42:49	00:00:06	8,33	30,00	
	28	06:42:44	06:42:50	00:00:06	8,33	30,00	
	29	06:42:45	06:42:51	00:00:06	8,33	30,00	
	30	06:42:46	06:42:52	00:00:06	8,33	30,00	
	31	06:42:47	06:42:53	00:00:06	8,33	30,00	
	32	06:42:48	06:42:54	00:00:06	8,33	30,00	
	33	06:43:04	06:43:09	00:00:05	10,00	36,00	
	34	06:43:05	06:43:10	00:00:05	10,00	36,00	
	35	06:43:24	06:43:30	00:00:06	8,33	30,00	
	36	06:43:25	06:43:31	00:00:06	8,33	30,00	
	37	06:43:46	06:43:49	00:00:03	16,67	60,00	
	38	06:43:47	06:43:50	00:00:03	16,67	60,00	
	39	06:43:48	06:43:51	00:00:03	16,67	60,00	
	40	06:44:03	06:44:08	00:00:05	10,00	36,00	
	41	06:44:04	06:44:09	00:00:05	10,00	36,00	
	42	06:44:05	06:44:10	00:00:05	10,00	36,00	
	43	06:44:06	06:44:11	00:00:05	10,00	36,00	
	44	06:44:07	06:44:12	00:00:05	10,00	36,00	
	45	06:44:20	06:44:26	00:00:06	8,33	30,00	
	46	06:44:21	06:44:27	00:00:06	8,33	30,00	
	47	06:44:22	06:44:28	00:00:06	8,33	30,00	
	48	06:44:23	06:44:29	00:00:06	8,33	30,00	
	49	06:44:24	06:44:30	00:00:06	8,33	30,00	
	50	06:44:25	06:44:31	00:00:06	8,33	30,00	
	51	06:44:26	06:44:32	00:00:06	8,33	30,00	
	52	06:44:27	06:44:33	00:00:06	8,33	30,00	
	53	06:44:28	06:44:34	00:00:06	8,33	30,00	
	54	06:44:29	06:44:35	00:00:06	8,33	30,00	
06.45-07.00	1	06:45:00	06:45:04	00:00:04	12,50	45,00	32,32
	2	06:45:55	06:46:01	00:00:06	8,33	30,00	
	3	06:45:56	06:46:02	00:00:06	8,33	30,00	
	4	06:45:57	06:46:03	00:00:06	8,33	30,00	
	5	06:46:22	06:46:25	00:00:03	16,67	60,00	
	6	06:46:41	06:46:47	00:00:06	8,33	30,00	
	7	06:46:54	06:46:59	00:00:05	10,00	36,00	
	8	06:46:55	06:47:00	00:00:05	10,00	36,00	
	9	06:46:56	06:47:01	00:00:05	10,00	36,00	
	10	06:46:57	06:47:02	00:00:05	10,00	36,00	
	11	06:46:58	06:47:03	00:00:05	10,00	36,00	

	12	06:46:59	06:47:04	00:00:05	10,00	36,00	
	13	06:47:00	06:47:05	00:00:05	10,00	36,00	
	14	06:47:14	06:47:22	00:00:08	6,25	22,50	
	15	06:47:15	06:47:23	00:00:08	6,25	22,50	
	16	06:47:16	06:47:24	00:00:08	6,25	22,50	
	17	06:47:17	06:47:25	00:00:08	6,25	22,50	
	18	06:47:45	06:47:52	00:00:07	7,14	25,71	
	19	06:47:46	06:47:53	00:00:07	7,14	25,71	
	20	06:47:47	06:47:54	00:00:07	7,14	25,71	
	21	06:47:48	06:47:55	00:00:07	7,14	25,71	
	22	06:47:49	06:47:56	00:00:07	7,14	25,71	
	23	06:48:06	06:48:09	00:00:03	16,67	60,00	
	24	06:48:44	06:48:47	00:00:03	16,67	60,00	
	25	06:48:45	06:48:48	00:00:03	16,67	60,00	
	26	06:48:46	06:48:49	00:00:03	16,67	60,00	
	27	06:48:47	06:48:50	00:00:03	16,67	60,00	
	28	06:49:00	06:49:06	00:00:06	8,33	30,00	
	29	06:49:15	06:49:19	00:00:04	12,50	45,00	
	30	06:49:16	06:49:20	00:00:04	12,50	45,00	
	31	06:49:17	06:49:21	00:00:04	12,50	45,00	
	32	06:49:31	06:49:38	00:00:07	7,14	25,71	
	33	06:49:32	06:49:39	00:00:07	7,14	25,71	
	34	06:49:33	06:49:40	00:00:07	7,14	25,71	
	35	06:49:34	06:49:41	00:00:07	7,14	25,71	
	36	06:49:35	06:49:42	00:00:07	7,14	25,71	
	37	06:49:49	06:49:56	00:00:07	7,14	25,71	
	38	06:49:50	06:49:57	00:00:07	7,14	25,71	
	39	06:49:51	06:49:58	00:00:07	7,14	25,71	
	40	06:49:52	06:49:59	00:00:07	7,14	25,71	
	41	06:49:53	06:50:00	00:00:07	7,14	25,71	
	42	06:49:54	06:50:01	00:00:07	7,14	25,71	
	43	06:49:55	06:50:02	00:00:07	7,14	25,71	
	44	06:49:56	06:50:03	00:00:07	7,14	25,71	
	45	06:49:57	06:50:04	00:00:07	7,14	25,71	
	46	06:49:58	06:50:05	00:00:07	7,14	25,71	
	47	06:50:33	06:50:41	00:00:08	6,25	22,50	
	48	06:50:34	06:50:42	00:00:08	6,25	22,50	
	49	06:51:07	06:51:13	00:00:06	8,33	30,00	
	50	06:51:08	06:51:14	00:00:06	8,33	30,00	
	51	06:51:09	06:51:15	00:00:06	8,33	30,00	
	52	06:51:10	06:51:16	00:00:06	8,33	30,00	
	53	06:51:11	06:51:17	00:00:06	8,33	30,00	
	54	06:51:12	06:51:18	00:00:06	8,33	30,00	
	55	06:51:13	06:51:19	00:00:06	8,33	30,00	
	56	06:51:26	06:51:33	00:00:07	7,14	25,71	
	57	06:51:27	06:51:34	00:00:07	7,14	25,71	
	58	06:51:28	06:51:35	00:00:07	7,14	25,71	
	59	06:51:29	06:51:36	00:00:07	7,14	25,71	
	60	06:51:30	06:51:37	00:00:07	7,14	25,71	
	61	06:51:31	06:51:38	00:00:07	7,14	25,71	

	62	06:51:32	06:51:39	00:00:07	7,14	25,71	
	63	06:51:33	06:51:40	00:00:07	7,14	25,71	
	64	06:51:34	06:51:41	00:00:07	7,14	25,71	
	65	06:51:35	06:51:42	00:00:07	7,14	25,71	
	66	06:52:24	06:52:29	00:00:05	10,00	36,00	
	67	06:52:25	06:52:30	00:00:05	10,00	36,00	
	68	06:52:26	06:52:31	00:00:05	10,00	36,00	
	69	06:52:27	06:52:32	00:00:05	10,00	36,00	
	70	06:52:28	06:52:33	00:00:05	10,00	36,00	
	71	06:52:29	06:52:34	00:00:05	10,00	36,00	
	72	06:52:30	06:52:35	00:00:05	10,00	36,00	
	73	06:52:31	06:52:36	00:00:05	10,00	36,00	
	74	06:52:43	06:52:48	00:00:05	10,00	36,00	
	75	06:52:44	06:52:49	00:00:05	10,00	36,00	
	76	06:53:29	06:53:36	00:00:07	7,14	25,71	
	77	06:54:51	06:54:58	00:00:07	7,14	25,71	
	78	06:54:52	06:54:59	00:00:07	7,14	25,71	
	79	06:55:10	06:55:14	00:00:04	12,50	45,00	
	80	06:55:11	06:55:15	00:00:04	12,50	45,00	
07.00-07.15	1	07:00:00	07:00:06	00:00:06	8,33	30,00	33,51
	2	07:00:21	07:00:26	00:00:05	10,00	36,00	
	3	07:00:39	07:00:46	00:00:07	7,14	25,71	
	4	07:00:40	07:00:47	00:00:07	7,14	25,71	
	5	07:00:42	07:00:48	00:00:06	8,33	30,00	
	6	07:00:43	07:00:49	00:00:06	8,33	30,00	
	7	07:00:44	07:00:50	00:00:06	8,33	30,00	
	8	07:00:45	07:00:51	00:00:06	8,33	30,00	
	9	07:01:30	07:01:35	00:00:05	10,00	36,00	
	10	07:01:31	07:01:36	00:00:05	10,00	36,00	
	11	07:01:48	07:01:52	00:00:04	12,50	45,00	
	12	07:01:49	07:01:53	00:00:04	12,50	45,00	
	13	07:01:50	07:01:54	00:00:04	12,50	45,00	
	14	07:01:51	07:01:55	00:00:04	12,50	45,00	
	15	07:02:08	07:02:14	00:00:06	8,33	30,00	
	16	07:02:09	07:02:15	00:00:06	8,33	30,00	
	17	07:02:10	07:02:16	00:00:06	8,33	30,00	
	18	07:02:49	07:02:53	00:00:04	12,50	45,00	
	19	07:02:50	07:02:54	00:00:04	12,50	45,00	
	20	07:02:51	07:02:55	00:00:04	12,50	45,00	
	21	07:02:52	07:02:56	00:00:04	12,50	45,00	
	22	07:03:04	07:03:11	00:00:07	7,14	25,71	
	23	07:03:25	07:03:31	00:00:06	8,33	30,00	
	24	07:03:26	07:03:32	00:00:06	8,33	30,00	
	25	07:03:27	07:03:33	00:00:06	8,33	30,00	
	26	07:03:28	07:03:34	00:00:06	8,33	30,00	
	27	07:03:29	07:03:35	00:00:06	8,33	30,00	
	28	07:03:30	07:03:36	00:00:06	8,33	30,00	
	29	07:03:31	07:03:37	00:00:06	8,33	30,00	
	30	07:03:32	07:03:38	00:00:06	8,33	30,00	

	31	07:03:33	07:03:39	00:00:06	8,33	30,00	
	32	07:03:34	07:03:40	00:00:06	8,33	30,00	
	33	07:04:18	07:04:25	00:00:07	7,14	25,71	
	34	07:04:19	07:04:26	00:00:07	7,14	25,71	
	35	07:04:37	07:04:41	00:00:04	12,50	45,00	
	36	07:04:38	07:04:42	00:00:04	12,50	45,00	
	37	07:04:39	07:04:43	00:00:04	12,50	45,00	
	38	07:04:40	07:04:44	00:00:04	12,50	45,00	
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	40	07:04:51	07:04:56	00:00:05	10,00	36,00	
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	42	07:04:53	07:04:58	00:00:05	10,00	36,00	
	43	07:04:54	07:04:59	00:00:05	10,00	36,00	
	44	07:04:55	07:05:00	00:00:05	10,00	36,00	
	45	07:04:56	07:05:01	00:00:05	10,00	36,00	
	46	07:06:08	07:06:15	00:00:07	7,14	25,71	
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	49	07:06:11	07:06:18	00:00:07	7,14	25,71	
	50	07:06:12	07:06:19	00:00:07	7,14	25,71	
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	52	07:06:33	07:06:38	00:00:05	10,00	36,00	
	53	07:06:34	07:06:39	00:00:05	10,00	36,00	
	54	07:07:55	07:08:01	00:00:06	8,33	30,00	
	55	07:07:56	07:08:02	00:00:06	8,33	30,00	
	56	07:09:01	07:09:06	00:00:05	10,00	36,00	
	57	07:09:02	07:09:07	00:00:05	10,00	36,00	
	58	07:14:00	07:14:09	00:00:09	5,56	20,00	
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	60	07:14:02	07:14:11	00:00:09	5,56	20,00	
07.15-07.30	1	07:15:00	07:15:05	00:00:05	10,00	36,00	35,89
	2	07:15:01	07:15:06	00:00:05	10,00	36,00	
	3	07:15:02	07:15:07	00:00:05	10,00	36,00	
	4	07:15:30	07:15:35	00:00:05	10,00	36,00	
	5	07:15:31	07:15:36	00:00:05	10,00	36,00	
	6	07:16:39	07:16:45	00:00:06	8,33	30,00	
	7	07:16:40	07:16:46	00:00:06	8,33	30,00	
	8	07:17:00	07:17:06	00:00:06	8,33	30,00	
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	13	07:17:36	07:17:41	00:00:05	10,00	36,00	
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	15	07:17:55	07:18:00	00:00:05	10,00	36,00	
	16	07:18:09	07:18:13	00:00:04	12,50	45,00	
	17	07:18:10	07:18:14	00:00:04	12,50	45,00	
	18	07:18:11	07:18:15	00:00:04	12,50	45,00	
	19	07:18:12	07:18:16	00:00:04	12,50	45,00	

	20	07:18:13	07:18:17	00:00:04	12,50	45,00	
	21	07:18:43	07:18:49	00:00:06	8,33	30,00	
	22	07:18:44	07:18:50	00:00:06	8,33	30,00	
	23	07:19:17	07:19:22	00:00:05	10,00	36,00	
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	25	07:19:19	07:19:24	00:00:05	10,00	36,00	
	26	07:19:37	07:19:42	00:00:05	10,00	36,00	
	27	07:19:38	07:19:43	00:00:05	10,00	36,00	
	28	07:19:39	07:19:44	00:00:05	10,00	36,00	
	29	07:19:41	07:19:45	00:00:04	12,50	45,00	
	30	07:19:42	07:19:46	00:00:04	12,50	45,00	
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	33	07:20:53	07:20:59	00:00:06	8,33	30,00	
	34	07:20:54	07:21:00	00:00:06	8,33	30,00	
	35	07:20:55	07:21:01	00:00:06	8,33	30,00	
	36	07:21:52	07:21:57	00:00:05	10,00	36,00	
	37	07:21:53	07:21:58	00:00:05	10,00	36,00	
	38	07:22:22	07:22:27	00:00:05	10,00	36,00	
	39	07:22:45	07:22:51	00:00:06	8,33	30,00	
	40	07:22:46	07:22:52	00:00:06	8,33	30,00	
	41	07:22:47	07:22:53	00:00:06	8,33	30,00	
	42	07:22:48	07:22:54	00:00:06	8,33	30,00	
	43	07:22:49	07:22:55	00:00:06	8,33	30,00	
	44	07:25:04	07:25:08	00:00:04	12,50	45,00	
	45	07:25:19	07:25:22	00:00:03	16,67	60,00	
	46	07:25:36	07:25:40	00:00:04	12,50	45,00	
	47	07:25:37	07:25:41	00:00:04	12,50	45,00	
	48	07:26:55	07:27:00	00:00:05	10,00	36,00	
	49	07:26:56	07:27:01	00:00:05	10,00	36,00	
	50	07:26:57	07:27:02	00:00:05	10,00	36,00	
	51	07:26:58	07:27:03	00:00:05	10,00	36,00	
	52	07:26:59	07:27:04	00:00:05	10,00	36,00	
	53	07:27:57	07:28:00	00:00:03	16,67	60,00	
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	56	07:28:21	07:28:28	00:00:07	7,14	25,71	
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	58	07:28:23	07:28:30	00:00:07	7,14	25,71	
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	2	07:30:25	07:30:31	00:00:06	8,33	30,00	
	3	07:30:26	07:30:32	00:00:06	8,33	30,00	
	4	07:31:51	07:31:57	00:00:06	8,33	30,00	
	5	07:31:52	07:31:58	00:00:06	8,33	30,00	
	6	07:31:53	07:31:59	00:00:06	8,33	30,00	
	7	07:32:12	07:32:17	00:00:05	10,00	36,00	
	8	07:32:13	07:32:18	00:00:05	10,00	36,00	

	9	07:32:14	07:32:19	00:00:05	10,00	36,00	
	10	07:32:15	07:32:20	00:00:05	10,00	36,00	
	11	07:32:16	07:32:21	00:00:05	10,00	36,00	
	12	07:33:04	07:33:07	00:00:03	16,67	60,00	
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	14	07:33:25	07:33:30	00:00:05	10,00	36,00	
	15	07:33:47	07:33:53	00:00:06	8,33	30,00	
	16	07:34:20	07:34:25	00:00:05	10,00	36,00	
	17	07:34:39	07:34:43	00:00:04	12,50	45,00	
	18	07:34:40	07:34:44	00:00:04	12,50	45,00	
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	22	07:35:13	07:35:18	00:00:05	10,00	36,00	
	23	07:35:14	07:35:19	00:00:05	10,00	36,00	
	24	07:35:15	07:35:20	00:00:05	10,00	36,00	
	25	07:36:10	07:36:15	00:00:05	10,00	36,00	
	26	07:36:11	07:36:16	00:00:05	10,00	36,00	
	27	07:36:12	07:36:17	00:00:05	10,00	36,00	
	28	07:36:13	07:36:18	00:00:05	10,00	36,00	
	29	07:36:34	07:36:37	00:00:03	16,67	60,00	
	30	07:37:08	07:37:12	00:00:04	12,50	45,00	
	31	07:37:09	07:37:13	00:00:04	12,50	45,00	
	32	07:37:30	07:37:34	00:00:04	12,50	45,00	
	33	07:37:51	07:37:55	00:00:04	12,50	45,00	
	34	07:37:52	07:37:56	00:00:04	12,50	45,00	
	35	07:39:07	07:39:13	00:00:06	8,33	30,00	
	36	07:39:08	07:39:14	00:00:06	8,33	30,00	
	37	07:39:26	07:39:30	00:00:04	12,50	45,00	
	38	07:39:27	07:39:31	00:00:04	12,50	45,00	
	39	07:39:28	07:39:32	00:00:04	12,50	45,00	
	40	07:39:29	07:39:33	00:00:04	12,50	45,00	
	41	07:39:30	07:39:34	00:00:04	12,50	45,00	
	42	07:44:00	07:44:06	00:00:06	8,33	30,00	
07.45-08.00	1	07:45:00	07:45:05	00:00:05	10,00	36,00	35,11
	2	07:45:01	07:45:06	00:00:05	10,00	36,00	
	3	07:45:02	07:45:07	00:00:05	10,00	36,00	
	4	07:45:03	07:45:08	00:00:05	10,00	36,00	
	5	07:45:04	07:45:09	00:00:05	10,00	36,00	
	6	07:46:07	07:46:10	00:00:03	16,67	60,00	
	7	07:46:08	07:46:11	00:00:03	16,67	60,00	
	8	07:46:39	07:46:43	00:00:04	12,50	45,00	
	9	07:46:40	07:46:44	00:00:04	12,50	45,00	
	10	07:46:41	07:46:45	00:00:04	12,50	45,00	
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	12	07:49:35	07:49:39	00:00:04	12,50	45,00	
	13	07:49:36	07:49:40	00:00:04	12,50	45,00	
	14	07:49:56	07:50:01	00:00:05	10,00	36,00	
	15	07:50:17	07:50:22	00:00:05	10,00	36,00	

	16	07:50:39	07:50:44	00:00:05	10,00	36,00	
	17	07:50:40	07:50:45	00:00:05	10,00	36,00	
	18	07:51:38	07:51:44	00:00:06	8,33	30,00	
	19	07:52:03	07:53:09	00:01:06	8,33	30,00	
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	28	07:53:57	07:54:04	00:00:07	7,14	25,71	
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	32	07:56:12	07:56:16	00:00:04	12,50	45,00	
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	34	07:56:34	07:56:39	00:00:05	10,00	36,00	
	35	07:56:35	07:56:40	00:00:05	10,00	36,00	
	36	07:56:36	07:56:41	00:00:05	10,00	36,00	
	37	07:57:02	07:57:07	00:00:05	10,00	36,00	
	38	07:57:03	07:57:08	00:00:05	10,00	36,00	
	39	07:57:44	07:57:51	00:00:07	7,14	25,71	
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	41	07:58:07	07:58:12	00:00:05	10,00	36,00	
	42	07:58:08	07:58:13	00:00:05	10,00	36,00	
	43	07:58:09	07:58:14	00:00:05	10,00	36,00	
	44	07:58:10	07:58:15	00:00:05	10,00	36,00	
	45	07:59:00	07:59:07	00:00:07	7,14	25,71	
	46	07:59:01	07:59:08	00:00:07	7,14	25,71	
08.00-08.15	1	08:00:00	08:00:04	00:00:04	12,50	45,00	41,56
	2	08:00:31	08:00:34	00:00:03	16,67	60,00	
	3	08:00:32	08:00:35	00:00:03	16,67	60,00	
	4	08:00:47	08:00:52	00:00:05	10,00	36,00	
	5	08:00:48	08:00:53	00:00:05	10,00	36,00	
	6	08:00:49	08:00:54	00:00:05	10,00	36,00	
	7	08:00:50	08:00:55	00:00:05	10,00	36,00	
	8	08:01:26	08:01:30	00:00:04	12,50	45,00	
	9	08:01:27	08:01:31	00:00:04	12,50	45,00	
	10	08:01:28	08:01:32	00:00:04	12,50	45,00	
	11	08:01:46	08:01:50	00:00:04	12,50	45,00	
	12	08:01:47	08:01:51	00:00:04	12,50	45,00	
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	16	08:02:49	08:02:55	00:00:06	8,33	30,00	
	17	08:03:18	08:03:22	00:00:04	12,50	45,00	
	18	08:03:34	08:03:38	00:00:04	12,50	45,00	

	19	08:03:35	08:03:39	00:00:04	12,50	45,00	
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	21	08:03:37	08:03:41	00:00:04	12,50	45,00	
	22	08:04:36	08:04:40	00:00:04	12,50	45,00	
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	25	08:04:39	08:04:43	00:00:04	12,50	45,00	
	26	08:05:02	08:05:08	00:00:06	8,33	30,00	
	27	08:05:03	08:05:09	00:00:06	8,33	30,00	
	28	08:05:04	08:05:10	00:00:06	8,33	30,00	
	29	08:05:05	08:05:11	00:00:06	8,33	30,00	
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	34	08:06:36	08:06:40	00:00:04	12,50	45,00	
	35	08:06:37	08:06:41	00:00:04	12,50	45,00	
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	37	08:07:36	08:07:40	00:00:04	12,50	45,00	
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	39	08:09:19	08:09:24	00:00:05	10,00	36,00	
	40	08:09:20	08:09:25	00:00:05	10,00	36,00	
	41	08:09:21	08:09:26	00:00:05	10,00	36,00	
	42	08:09:22	08:09:27	00:00:05	10,00	36,00	
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	44	08:10:42	08:10:46	00:00:04	12,50	45,00	
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	48	08:14:20	08:14:23	00:00:03	16,67	60,00	
08.15-08.30	1	08:15:00	08:15:04	00:00:04	12,50	45,00	38,97
	2	08:16:49	08:16:54	00:00:05	10,00	36,00	
	3	08:16:50	08:16:55	00:00:05	10,00	36,00	
	4	08:17:20	08:17:25	00:00:05	10,00	36,00	
	5	08:17:21	08:17:26	00:00:05	10,00	36,00	
	6	08:17:22	08:17:27	00:00:05	10,00	36,00	
	7	08:17:45	08:17:50	00:00:05	10,00	36,00	
	8	08:17:46	08:17:51	00:00:05	10,00	36,00	
	9	08:17:47	08:17:52	00:00:05	10,00	36,00	
	10	08:18:22	08:18:27	00:00:05	10,00	36,00	
	11	08:18:46	08:18:50	00:00:04	12,50	45,00	
	12	08:18:47	08:18:51	00:00:04	12,50	45,00	
	13	08:18:48	08:18:52	00:00:04	12,50	45,00	
	14	08:19:11	08:19:15	00:00:04	12,50	45,00	
	15	08:20:28	08:20:32	00:00:04	12,50	45,00	
	16	08:20:29	08:20:33	00:00:04	12,50	45,00	
	17	08:20:30	08:20:34	00:00:04	12,50	45,00	
	18	08:20:31	08:20:35	00:00:04	12,50	45,00	
	19	08:20:32	08:20:36	00:00:04	12,50	45,00	

	20	08:20:33	08:20:37	00:00:04	12,50	45,00	
	21	08:20:34	08:20:38	00:00:04	12,50	45,00	
	22	08:21:21	08:21:28	00:00:07	7,14	25,71	
	23	08:21:22	08:21:29	00:00:07	7,14	25,71	
	24	08:21:49	08:21:55	00:00:06	8,33	30,00	
	25	08:22:31	08:22:34	00:00:03	16,67	60,00	
	26	08:23:06	08:23:12	00:00:06	8,33	30,00	
	27	08:23:39	08:23:45	00:00:06	8,33	30,00	
	28	08:23:40	08:23:46	00:00:06	8,33	30,00	
	29	08:23:41	08:23:47	00:00:06	8,33	30,00	
	30	08:24:44	08:24:50	00:00:06	8,33	30,00	
	31	08:24:45	08:24:51	00:00:06	8,33	30,00	
	32	08:24:46	08:24:52	00:00:06	8,33	30,00	
	33	08:25:08	08:25:16	00:00:08	6,25	22,50	
	34	08:26:09	08:26:15	00:00:06	8,33	30,00	
	35	08:27:11	08:27:17	00:00:06	8,33	30,00	
	36	08:27:12	08:27:18	00:00:06	8,33	30,00	
	37	08:28:51	08:28:54	00:00:03	16,67	60,00	
	38	08:28:52	08:28:55	00:00:03	16,67	60,00	
	39	08:28:53	08:28:56	00:00:03	16,67	60,00	
	40	08:29:53	08:29:57	00:00:04	12,50	45,00	
	41	08:29:54	08:29:58	00:00:04	12,50	45,00	
08.30-08.45	1	08:30:00	08:30:03	00:00:03	16,67	60,00	38,96
	2	08:30:41	08:30:47	00:00:06	8,33	30,00	
	3	08:31:03	08:31:08	00:00:05	10,00	36,00	
	4	08:31:04	08:31:09	00:00:05	10,00	36,00	
	5	08:31:53	08:31:59	00:00:06	8,33	30,00	
	6	08:31:54	08:32:00	00:00:06	8,33	30,00	
	7	08:32:19	08:32:22	00:00:03	16,67	60,00	
	8	08:32:20	08:32:23	00:00:03	16,67	60,00	
	9	08:32:43	08:32:47	00:00:04	12,50	45,00	
	10	08:32:44	08:32:48	00:00:04	12,50	45,00	
	11	08:32:45	08:32:49	00:00:04	12,50	45,00	
	12	08:33:08	08:33:13	00:00:05	10,00	36,00	
	13	08:33:09	08:33:14	00:00:05	10,00	36,00	
	14	08:33:10	08:33:15	00:00:05	10,00	36,00	
	15	08:33:45	08:33:53	00:00:08	6,25	22,50	
	16	08:33:46	08:33:54	00:00:08	6,25	22,50	
	17	08:33:47	08:33:55	00:00:08	6,25	22,50	
	18	08:34:56	08:35:02	00:00:06	8,33	30,00	
	19	08:34:57	08:35:03	00:00:06	8,33	30,00	
	20	08:35:36	08:35:40	00:00:04	12,50	45,00	
	21	08:35:37	08:35:41	00:00:04	12,50	45,00	
	22	08:35:38	08:35:42	00:00:04	12,50	45,00	
	23	08:35:39	08:35:43	00:00:04	12,50	45,00	
	24	08:35:40	08:35:44	00:00:04	12,50	45,00	
	25	08:35:41	08:35:45	00:00:04	12,50	45,00	
	26	08:35:42	08:35:46	00:00:04	12,50	45,00	
	27	08:35:43	08:35:47	00:00:04	12,50	45,00	

	28	08:35:44	08:35:48	00:00:04	12,50	45,00	
	29	08:36:34	08:36:40	00:00:06	8,33	30,00	
	30	08:36:53	08:36:59	00:00:06	8,33	30,00	
	31	08:36:54	08:37:00	00:00:06	8,33	30,00	
	32	08:36:55	08:37:01	00:00:06	8,33	30,00	
	33	08:37:11	08:37:15	00:00:04	12,50	45,00	
	34	08:37:12	08:37:16	00:00:04	12,50	45,00	
	35	08:37:13	08:37:17	00:00:04	12,50	45,00	
	36	08:37:14	08:37:18	00:00:04	12,50	45,00	
	37	08:37:50	08:37:57	00:00:07	7,14	25,71	
	38	08:38:10	08:38:12	00:00:02	25,00	90,00	
	39	08:38:31	08:38:36	00:00:05	10,00	36,00	
	40	08:38:32	08:38:37	00:00:05	10,00	36,00	
	41	08:38:33	08:38:38	00:00:05	10,00	36,00	
	42	08:38:34	08:38:39	00:00:05	10,00	36,00	
	43	08:38:35	08:38:40	00:00:05	10,00	36,00	
	44	08:38:36	08:38:41	00:00:05	10,00	36,00	
	45	08:39:52	08:39:59	00:00:07	7,14	25,71	
	46	08:40:14	08:40:21	00:00:07	7,14	25,71	
	47	08:41:03	08:41:07	00:00:04	12,50	45,00	
	48	08:42:25	08:42:30	00:00:05	10,00	36,00	
	49	08:42:26	08:42:31	00:00:05	10,00	36,00	
	50	08:42:27	08:42:32	00:00:05	10,00	36,00	
	51	08:42:28	08:42:33	00:00:05	10,00	36,00	
	52	08:43:36	08:43:41	00:00:05	10,00	36,00	
	53	08:43:37	08:43:42	00:00:05	10,00	36,00	
	54	08:43:38	08:43:43	00:00:05	10,00	36,00	
	55	08:44:39	08:44:43	00:00:04	12,50	45,00	
08.45-09.00	1	08:45:00	08:45:06	00:00:06	8,33	30,00	38,69
	2	08:45:01	08:45:07	00:00:06	8,33	30,00	
	3	08:45:29	08:45:33	00:00:04	12,50	45,00	
	4	08:46:29	08:46:38	00:00:09	5,56	20,00	
	5	08:47:04	08:47:11	00:00:07	7,14	25,71	
	6	08:47:05	08:47:12	00:00:07	7,14	25,71	
	7	08:47:06	08:47:13	00:00:07	7,14	25,71	
	8	08:48:03	08:48:07	00:00:04	12,50	45,00	
	9	08:48:27	08:48:33	00:00:06	8,33	30,00	
	10	08:48:28	08:48:34	00:00:06	8,33	30,00	
	11	08:48:29	08:48:35	00:00:06	8,33	30,00	
	12	08:49:22	08:49:29	00:00:07	7,14	25,71	
	13	08:49:46	08:49:51	00:00:05	10,00	36,00	
	14	08:49:47	08:49:51	00:00:04	12,50	45,00	
	15	08:50:10	08:50:14	00:00:04	12,50	45,00	
	16	08:50:11	08:50:15	00:00:04	12,50	45,00	
	17	08:50:30	08:50:34	00:00:04	12,50	45,00	
	18	08:51:08	08:51:13	00:00:05	10,00	36,00	
	19	08:51:09	08:51:14	00:00:05	10,00	36,00	
	20	08:51:10	08:51:15	00:00:05	10,00	36,00	
	21	08:52:06	08:52:10	00:00:04	12,50	45,00	

	22	08:52:55	08:52:59	00:00:04	12,50	45,00	
	23	08:52:56	08:53:00	00:00:04	12,50	45,00	
	24	08:52:57	08:53:01	00:00:04	12,50	45,00	
	25	08:53:24	08:53:33	00:00:09	5,56	20,00	
	26	08:54:00	08:54:04	00:00:04	12,50	45,00	
	27	08:54:19	08:54:22	00:00:03	16,67	60,00	
	28	08:54:20	08:54:23	00:00:03	16,67	60,00	
	29	08:54:41	08:54:45	00:00:04	12,50	45,00	
	30	08:55:51	08:55:55	00:00:04	12,50	45,00	
	31	08:55:52	08:55:56	00:00:04	12,50	45,00	
	32	08:55:53	08:55:57	00:00:04	12,50	45,00	
	33	08:59:00	08:59:04	00:00:04	12,50	45,00	
09.00-09.15	1	09:00:00	09:00:04	00:00:04	12,50	45,00	43,14
	2	09:00:01	09:00:05	00:00:04	12,50	45,00	
	3	09:00:02	09:00:06	00:00:04	12,50	45,00	
	4	09:00:03	09:00:07	00:00:04	12,50	45,00	
	5	09:00:12	09:00:17	00:00:05	10,00	36,00	
	6	09:00:13	09:00:18	00:00:05	10,00	36,00	
	7	09:00:14	09:00:19	00:00:05	10,00	36,00	
	8	09:00:55	09:01:01	00:00:06	8,33	30,00	
	9	09:00:56	09:01:02	00:00:06	8,33	30,00	
	10	09:01:23	09:01:27	00:00:04	12,50	45,00	
	11	09:01:24	09:01:28	00:00:04	12,50	45,00	
	12	09:01:43	09:01:47	00:00:04	12,50	45,00	
	13	09:01:44	09:01:48	00:00:04	12,50	45,00	
	14	09:01:45	09:01:49	00:00:04	12,50	45,00	
	15	09:01:46	09:01:50	00:00:04	12,50	45,00	
	16	09:02:36	09:02:39	00:00:03	16,67	60,00	
	17	09:03:01	09:03:04	00:00:03	16,67	60,00	
	18	09:03:02	09:03:05	00:00:03	16,67	60,00	
	19	09:03:03	09:03:06	00:00:03	10,00	36,00	
	20	09:03:22	09:03:27	00:00:05	10,00	36,00	
	21	09:03:23	09:03:28	00:00:05	10,00	36,00	
	22	09:04:05	09:04:09	00:00:04	12,50	45,00	
	23	09:04:45	09:04:51	00:00:06	8,33	30,00	
	24	09:04:46	09:04:52	00:00:06	8,33	30,00	
	25	09:05:00	09:05:04	00:00:04	12,50	45,00	
	26	09:05:01	09:05:05	00:00:04	12,50	45,00	
	27	09:08:00	09:08:04	00:00:04	12,50	45,00	
	28	09:10:00	09:10:03	00:00:03	16,67	60,00	
	29	09:14:00	09:14:04	00:00:04	12,50	45,00	
09.15-09.30	1	09:15:00	09:15:04	00:00:04	12,50	45,00	43,85
	2	09:15:26	09:15:31	00:00:05	10,00	36,00	
	3	09:16:39	09:16:54	00:00:15	3,33	12,00	
	4	09:17:09	09:17:11	00:00:02	25,00	90,00	
	5	09:17:11	09:17:13	00:00:02	25,00	90,00	
	6	09:17:47	09:17:55	00:00:08	6,25	22,50	
	7	09:18:21	09:18:28	00:00:07	7,14	25,71	

	8	09:18:22	09:18:29	00:00:07	7,14	25,71	
	9	09:18:53	09:19:02	00:00:09	5,56	20,00	
	10	09:18:54	09:19:03	00:00:09	5,56	20,00	
	11	09:18:55	09:19:04	00:00:09	5,56	20,00	
	12	09:18:56	09:19:05	00:00:09	5,56	20,00	
	13	09:19:07	09:19:11	00:00:04	12,50	45,00	
	14	09:19:08	09:19:12	00:00:04	12,50	45,00	
	15	09:19:09	09:19:13	00:00:04	12,50	45,00	
	16	09:19:28	09:19:32	00:00:04	12,50	45,00	
	17	09:19:29	09:19:31	00:00:02	16,67	60,00	
	18	09:19:30	09:19:33	00:00:03	16,67	60,00	
	19	09:19:31	09:19:34	00:00:03	16,67	60,00	
	20	09:20:25	09:20:28	00:00:03	16,67	60,00	
	21	09:20:26	09:20:29	00:00:03	16,67	60,00	
	22	09:20:27	09:20:30	00:00:03	16,67	60,00	
	23	09:21:39	09:21:45	00:00:06	8,33	30,00	
	24	09:23:07	09:23:11	00:00:04	12,50	45,00	
	25	09:24:15	09:24:18	00:00:03	16,67	60,00	
	26	09:25:02	09:25:08	00:00:06	8,33	30,00	
	27	09:26:56	09:26:59	00:00:03	16,67	60,00	
	28	09:28:54	09:28:59	00:00:05	10,00	36,00	
09.30-09.45	1	09:30:00	09:30:04	00:00:04	12,50	45,00	40,83
	2	09:30:38	09:30:43	00:00:05	10,00	36,00	
	3	09:30:39	09:30:44	00:00:05	10,00	36,00	
	4	09:30:40	09:30:45	00:00:05	10,00	36,00	
	5	09:30:41	09:30:46	00:00:05	10,00	36,00	
	6	09:31:36	09:31:40	00:00:04	12,50	45,00	
	7	09:31:37	09:31:41	00:00:04	12,50	45,00	
	8	09:32:10	09:32:15	00:00:05	10,00	36,00	
	9	09:32:11	09:32:16	00:00:05	10,00	36,00	
	10	09:32:12	09:32:17	00:00:05	10,00	36,00	
	11	09:33:16	09:33:20	00:00:04	12,50	45,00	
	12	09:33:17	09:33:21	00:00:04	12,50	45,00	
	13	09:33:18	09:33:22	00:00:04	12,50	45,00	
	14	09:33:43	09:33:46	00:00:03	16,67	60,00	
	15	09:34:06	09:34:10	00:00:04	12,50	45,00	
	16	09:36:58	09:37:06	00:00:08	6,25	22,50	
	17	09:37:34	09:37:38	00:00:04	12,50	45,00	
	18	09:37:35	09:37:39	00:00:04	12,50	45,00	
	19	09:37:36	09:37:40	00:00:04	12,50	45,00	
	20	09:39:09	09:39:13	00:00:04	10,00	36,00	
	21	09:40:44	09:40:49	00:00:05	10,00	36,00	
	22	09:40:45	09:40:50	00:00:05	10,00	36,00	
	23	09:41:26	09:41:30	00:00:04	12,50	45,00	
	24	09:41:27	09:41:31	00:00:04	12,50	45,00	
	25	09:42:55	09:42:59	00:00:04	12,50	45,00	
	26	09:42:56	09:43:00	00:00:04	12,50	45,00	
	27	09:43:59	09:44:05	00:00:06	8,33	30,00	

09.45-10.00	1	09:45:00	09:45:04	00:00:04	12,50	45,00	36,33
	2	09:46:40	09:46:45	00:00:05	10,00	36,00	
	3	09:47:04	09:47:09	00:00:05	10,00	36,00	
	4	09:47:05	09:47:10	00:00:05	10,00	36,00	
	5	09:47:43	09:47:48	00:00:05	10,00	36,00	
	6	09:48:06	09:48:12	00:00:06	8,33	30,00	
	7	09:48:53	09:48:57	00:00:04	12,50	45,00	
	8	09:49:17	09:49:22	00:00:05	10,00	36,00	
	9	09:49:18	09:49:23	00:00:05	10,00	36,00	
	10	09:49:48	09:49:54	00:00:06	8,33	30,00	
	11	09:49:49	09:49:55	00:00:06	8,33	30,00	
	12	09:49:50	09:49:56	00:00:06	8,33	30,00	
	13	09:49:51	09:49:57	00:00:06	8,33	30,00	
	14	09:50:29	09:50:34	00:00:05	10,00	36,00	
	15	09:51:07	09:51:11	00:00:04	12,50	45,00	
	16	09:52:28	09:52:33	00:00:05	10,00	36,00	
	17	09:52:48	09:52:53	00:00:05	10,00	36,00	
	18	09:54:12	09:54:16	00:00:04	12,50	45,00	
14.00-14.15	1	14:00:00	14:00:07	00:00:07	7,14	25,71	31,13
	2	14:00:19	14:00:22	00:00:03	16,67	60,00	
	3	14:00:41	14:00:47	00:00:06	8,33	30,00	
	4	14:00:58	14:01:07	00:00:09	5,56	20,00	
	5	14:01:22	14:01:30	00:00:08	6,25	22,50	
	6	14:02:38	14:02:43	00:00:05	10,00	36,00	
	7	14:03:26	14:03:34	00:00:08	6,25	22,50	
	8	14:03:50	14:03:55	00:00:05	10,00	36,00	
	9	14:04:06	14:04:12	00:00:06	8,33	30,00	
	10	14:04:40	14:04:49	00:00:09	5,56	20,00	
	11	14:05:01	14:05:08	00:00:07	7,14	25,71	
	12	14:05:18	14:05:24	00:00:06	8,33	30,00	
	13	14:06:00	14:06:05	00:00:05	10,00	36,00	
	14	14:06:17	14:06:23	00:00:06	8,33	30,00	
	15	14:06:37	14:06:45	00:00:08	6,25	22,50	
	16	14:07:01	14:07:06	00:00:05	10,00	36,00	
	17	14:07:18	14:07:24	00:00:06	8,33	30,00	
	18	14:07:54	14:07:58	00:00:04	12,50	45,00	
	19	14:08:14	14:08:20	00:00:06	8,33	30,00	
	20	14:08:34	14:08:42	00:00:08	6,25	22,50	
	21	14:09:15	14:09:20	00:00:05	10,00	36,00	
	22	14:09:35	14:09:42	00:00:07	7,14	25,71	
	23	14:09:58	14:10:02	00:00:04	12,50	45,00	
	24	14:10:30	14:10:36	00:00:06	8,33	30,00	
14.15-14.30	1	14:15:00	14:15:06	00:00:06	8,33	30,00	29,93
	2	14:15:16	14:15:21	00:00:05	10,00	36,00	
	3	14:16:23	14:16:29	00:00:06	8,33	30,00	
	4	14:16:43	14:16:49	00:00:06	8,33	30,00	
	5	14:17:10	14:17:17	00:00:07	7,14	25,71	

	6	14:18:06	14:18:12	00:00:06	8,33	30,00	
	7	14:18:22	14:18:27	00:00:05	10,00	36,00	
	8	14:18:40	14:18:48	00:00:08	6,25	22,50	
	9	14:19:00	14:19:06	00:00:06	8,33	30,00	
	10	14:19:14	14:19:19	00:00:05	10,00	36,00	
	11	14:20:03	14:20:18	00:00:15	3,33	12,00	
	12	14:20:47	14:20:52	00:00:05	10,00	36,00	
	13	14:21:04	14:21:08	00:00:04	12,50	45,00	
	14	14:21:26	14:21:32	00:00:06	8,33	30,00	
	15	14:21:49	14:21:59	00:00:10	5,00	18,00	
	16	14:22:11	14:22:15	00:00:04	12,50	45,00	
	17	14:22:39	14:22:47	00:00:08	6,25	22,50	
	18	14:23:04	14:23:13	00:00:09	5,56	20,00	
	19	14:23:44	14:23:50	00:00:06	8,33	30,00	
	20	14:24:05	14:24:10	00:00:05	10,00	36,00	
	21	14:25:09	14:25:14	00:00:05	10,00	36,00	
	22	14:25:46	14:25:53	00:00:07	7,14	25,71	
	23	14:26:39	14:26:45	00:00:06	8,33	30,00	
	24	14:26:56	14:27:02	00:00:06	8,33	30,00	
	25	14:27:16	14:27:23	00:00:07	7,14	25,71	
14.30-14.45	1	14:30:00	14:30:05	00:00:05	10,00	36,00	27,20
	2	14:30:41	14:30:49	00:00:08	6,25	22,50	
	3	14:31:37	14:31:43	00:00:06	8,33	30,00	
	4	14:32:04	14:32:09	00:00:05	10,00	36,00	
	5	14:32:25	14:32:34	00:00:09	5,56	20,00	
	6	14:33:10	14:33:16	00:00:06	8,33	30,00	
	7	14:33:37	14:33:43	00:00:06	8,33	30,00	
	8	14:34:04	14:34:11	00:00:07	7,14	25,71	
	9	14:35:29	14:35:36	00:00:07	7,14	25,71	
	10	14:36:08	14:36:15	00:00:07	7,14	25,71	
	11	14:38:00	14:38:08	00:00:08	6,25	22,50	
	12	14:39:25	14:39:33	00:00:08	6,25	22,50	
	13	14:39:46	14:39:52	00:00:06	8,33	30,00	
	14	14:40:01	14:40:08	00:00:07	7,14	25,71	
	15	14:40:25	14:40:32	00:00:07	7,14	25,71	
14.45-15.00	1	14:45:00	14:45:04	00:00:04	12,50	45,00	31,76
	2	14:46:32	14:46:41	00:00:09	5,56	20,00	
	3	14:47:30	14:47:36	00:00:06	8,33	30,00	
	4	14:47:48	14:47:53	00:00:05	10,00	36,00	
	5	14:48:38	14:48:42	00:00:04	12,50	45,00	
	6	14:49:38	14:49:46	00:00:08	6,25	22,50	
	7	14:50:35	14:50:41	00:00:06	8,33	30,00	
	8	14:51:00	14:51:05	00:00:05	10,00	36,00	
	9	14:51:55	14:52:01	00:00:06	8,33	30,00	
	10	14:52:29	14:52:36	00:00:07	7,14	25,71	
	11	14:53:40	14:53:45	00:00:05	10,00	36,00	
	12	14:54:06	14:54:11	00:00:05	10,00	36,00	
	13	14:54:24	14:54:32	00:00:08	6,25	22,50	

	14	14:55:14	14:55:21	00:00:07	7,14	25,71	
	15	14:50:42	14:50:47	00:00:05	10,00	36,00	
15.00-15.15	1	15:00:08	15:00:14	00:00:06	8,33	30,00	28,84
	2	15:01:12	15:01:19	00:00:07	7,14	25,71	
	3	15:02:00	15:02:06	00:00:06	8,33	30,00	
	4	15:02:46	15:02:54	00:00:08	6,25	22,50	
	5	15:03:14	15:03:21	00:00:07	7,14	25,71	
	6	15:04:06	15:04:11	00:00:05	10,00	36,00	
	7	15:04:27	15:04:32	00:00:05	10,00	36,00	
	8	15:05:23	15:05:31	00:00:08	6,25	22,50	
	9	15:06:17	15:06:23	00:00:06	8,33	30,00	
	10	15:07:30	15:07:36	00:00:06	8,33	30,00	
15.15-15.30	1	15:15:00	15:15:05	00:00:05	10,00	36,00	31,29
	2	15:16:48	15:16:56	00:00:08	6,25	22,50	
	3	15:17:12	15:17:21	00:00:09	5,56	20,00	
	4	15:18:04	15:18:10	00:00:06	8,33	30,00	
	5	15:18:27	15:18:34	00:00:07	7,14	25,71	
	6	15:19:08	15:19:11	00:00:03	16,67	60,00	
	7	15:19:33	15:19:37	00:00:04	12,50	45,00	
	8	15:19:52	15:20:02	00:00:10	5,00	18,00	
	9	15:20:18	15:20:24	00:00:06	8,33	30,00	
	10	15:21:39	15:21:46	00:00:07	7,14	25,71	
15.30-15.45	1	15:30:08	15:30:12	00:00:04	12,50	45,00	29,71
	2	15:30:26	15:30:33	00:00:07	7,14	25,71	
	3	15:30:47	15:30:54	00:00:07	7,14	25,71	
	4	15:31:10	15:31:20	00:00:10	5,00	18,00	
	5	15:31:46	15:31:50	00:00:04	12,50	45,00	
	6	15:32:09	15:32:14	00:00:05	10,00	36,00	
	7	15:32:24	15:32:42	00:00:18	2,78	10,00	
	8	15:33:00	15:33:06	00:00:06	8,33	30,00	
	9	15:33:24	15:33:29	00:00:05	10,00	36,00	
	10	15:33:53	15:34:00	00:00:07	7,14	25,71	
15.45-16.00	1	15:45:02	15:45:10	00:00:08	6,25	22,50	27,20
	2	15:45:43	15:45:50	00:00:07	7,14	25,71	
	3	15:46:12	15:46:17	00:00:05	10,00	36,00	
	4	15:46:29	15:46:35	00:00:06	8,33	30,00	
	5	15:46:59	15:47:05	00:00:06	8,33	30,00	
	6	15:47:28	15:47:35	00:00:07	7,14	25,71	
	7	15:47:51	15:47:57	00:00:06	8,33	30,00	
	8	15:49:03	15:49:08	00:00:05	10,00	36,00	
	9	15:49:25	15:49:35	00:00:10	5,00	18,00	
	10	15:50:20	15:50:31	00:00:11	4,55	16,36	
	11	15:50:55	15:51:04	00:00:09	5,56	20,00	
	12	15:52:21	15:52:26	00:00:05	10,00	36,00	
	13	15:52:47	15:52:52	00:00:05	10,00	36,00	
	14	15:53:30	15:53:39	00:00:09	5,56	20,00	

	15	15:53:58	15:54:05	00:00:07	7,14	25,71	
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Hari / Tanggal : Selasa / 29 Agustus 2006
Surveyor : Tata
Arah Arus : Solo - Wonogiri
Jenis Kendaraan : Sepeda motor (MC)
Jarak : 50 m

Waktu	Kend ke-	Waktu kendaraan (detik)		Waktu tempuh (detik)	Kecepatan		Kecepatan rata-rata
		Masuk	Keluar		m/dt	km/jam	(Vt)
				(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam
06.00-06.15	1	06:00:08	06:00:15	00:00:07	7,14	25,71	21,13
	2	06:00:31	06:00:37	00:00:06	8,33	30,00	
	3	06:01:12	06:01:21	00:00:09	5,56	20,00	
	4	06:01:38	06:01:46	00:00:08	6,25	22,50	
	5	06:02:22	06:02:35	00:00:13	3,85	13,85	
	6	06:02:34	06:02:44	00:00:10	5,00	18,00	
	7	06:02:52	06:02:59	00:00:07	7,14	25,71	
	8	06:03:06	06:03:13	00:00:07	7,14	25,71	
	9	06:03:26	06:03:37	00:00:11	4,55	16,36	
	10	06:04:41	06:04:52	00:00:11	4,55	16,36	
	11	06:05:13	06:05:27	00:00:14	3,57	12,86	
	12	06:05:44	06:05:53	00:00:09	5,56	20,00	
	13	06:06:00	06:06:12	00:00:12	4,17	15,00	
	14	06:06:27	06:06:30	00:00:03	16,67	60,00	
	15	06:07:15	06:07:29	00:00:14	3,57	12,86	
	16	06:07:39	06:07:48	00:00:09	5,56	20,00	
	17	06:08:04	06:08:12	00:00:08	6,25	22,50	
	18	06:10:42	06:10:53	00:00:11	4,55	16,36	
	19	06:11:26	06:11:38	00:00:12	4,17	15,00	
	20	06:13:49	06:13:59	00:00:10	5,00	18,00	
	21	06:13:16	06:13:26	00:00:10	5,00	18,00	
	22	06:14:11	06:14:20	00:00:09	5,56	20,00	
06.15-06.30	1	06:15:01	06:15:09	00:00:08	6,25	22,50	22,02
	2	06:15:15	06:15:22	00:00:07	7,14	25,71	
	3	06:15:36	06:15:48	00:00:12	4,17	15,00	
	4	06:16:20	06:16:25	00:00:05	10,00	36,00	
	5	06:16:42	06:16:49	00:00:07	7,14	25,71	
	6	06:17:13	06:17:23	00:00:10	5,00	18,00	
	7	06:17:48	06:17:56	00:00:08	6,25	22,50	
	8	06:18:17	06:18:23	00:00:06	8,33	30,00	
	9	06:19:24	06:19:31	00:00:07	7,14	25,71	
	10	06:20:19	06:20:26	00:00:07	7,14	25,71	
	11	06:20:47	06:20:58	00:00:11	4,55	16,36	
	12	06:21:19	06:21:32	00:00:13	3,85	13,85	
	13	06:21:41	06:21:49	00:00:08	6,25	22,50	
	14	06:22:03	06:22:09	00:00:06	8,33	30,00	
	15	06:22:29	06:22:41	00:00:12	4,17	15,00	

	16	06:22:41	06:22:54	00:00:13	3,85	13,85	
	17	06:23:39	06:23:48	00:00:09	5,56	20,00	
	18	06:24:45	06:24:53	00:00:08	6,25	22,50	
	19	06:24:54	06:25:01	00:00:07	7,14	25,71	
	20	06:25:11	06:25:26	00:00:15	3,33	12,00	
	21	06:26:43	06:26:54	00:00:11	4,55	16,36	
	22	06:28:29	06:28:36	00:00:07	7,14	25,71	
	23	06:29:27	06:29:34	00:00:07	7,14	25,71	
06.30-06.45	1	06:30:06	06:30:15	00:00:09	5,56	20,00	14,69
	2	06:30:21	06:30:27	00:00:06	8,33	30,00	
	3	06:31:02	06:31:09	00:00:07	7,14	25,71	
	4	06:32:11	06:32:24	00:00:13	3,85	13,85	
	5	06:33:44	06:33:54	00:00:10	5,00	18,00	
	6	06:34:30	06:34:46	00:00:16	3,13	11,25	
	7	06:35:56	06:36:12	00:00:16	3,13	11,25	
	8	06:36:47	06:37:00	00:00:13	3,85	13,85	
	9	06:37:15	06:37:28	00:00:13	3,85	13,85	
	10	06:37:50	06:38:08	00:00:18	2,78	10,00	
	11	06:38:14	06:38:27	00:00:13	3,85	13,85	
	12	06:38:41	06:39:00	00:00:19	2,63	9,47	
	13	06:39:30	06:39:54	00:00:24	2,08	7,50	
	14	06:40:03	06:40:20	00:00:17	2,94	10,59	
	15	06:40:45	06:40:58	00:00:13	3,85	13,85	
	16	06:41:05	06:41:20	00:00:15	3,33	12,00	
06.45-07.00	1	06:45:55	06:46:28	00:00:33	1,52	5,45	12,03
	2	06:46:40	06:46:53	00:00:13	3,85	13,85	
	3	06:46:58	06:47:20	00:00:22	2,27	8,18	
	4	06:47:45	06:48:02	00:00:17	2,94	10,59	
	5	06:49:15	06:49:30	00:00:15	3,33	12,00	
	6	06:50:22	06:50:40	00:00:18	2,78	10,00	
	7	06:52:30	06:52:42	00:00:12	4,17	15,00	
	8	06:53:00	06:53:20	00:00:20	2,50	9,00	
	9	06:53:42	06:53:58	00:00:16	3,13	11,25	
	10	06:54:10	06:54:30	00:00:20	2,50	9,00	
	11	06:54:45	06:55:01	00:00:16	3,13	11,25	
	12	06:55:20	06:55:34	00:00:14	3,57	12,86	
	13	06:55:50	06:56:17	00:00:27	1,85	6,67	
	14	06:56:25	06:56:41	00:00:16	3,13	11,25	
	15	06:56:50	06:57:12	00:00:22	2,27	8,18	
	16	06:57:20	06:57:31	00:00:11	4,55	16,36	
	17	06:57:42	06:57:50	00:00:08	6,25	22,50	
	18	06:57:58	06:58:10	00:00:12	4,17	15,00	
	19	06:58:15	06:58:32	00:00:17	2,94	10,59	
	20	06:58:39	06:58:55	00:00:16	3,13	11,25	
	21	06:59:00	06:59:17	00:00:17	2,94	10,59	
	22	06:59:20	06:59:32	00:00:12	4,17	15,00	
	23	06:59:35	06:59:47	00:00:12	4,17	15,00	
	24	06:59:50	07:00:00	00:00:10	5,00	18,00	

07.00-07.15	1	07:00:45	07:01:05	00:00:20	2,50	9,00	10,89
	2	07:01:10	07:01:19	00:00:09	5,56	20,00	
	3	07:01:23	07:01:37	00:00:14	3,57	12,86	
	4	07:01:40	07:01:59	00:00:19	2,63	9,47	
	5	07:02:05	07:02:20	00:00:15	3,33	12,00	
	6	07:02:24	07:02:44	00:00:20	2,50	9,00	
	7	07:02:50	07:03:07	00:00:17	2,94	10,59	
	8	07:03:10	07:03:25	00:00:15	3,33	12,00	
	9	07:03:30	07:03:47	00:00:17	2,94	10,59	
	10	07:03:50	07:04:13	00:00:23	2,17	7,83	
	11	07:04:20	07:04:41	00:00:21	2,38	8,57	
	12	07:04:45	07:05:00	00:00:15	3,33	12,00	
	13	07:05:05	07:05:20	00:00:15	3,33	12,00	
	14	07:05:25	07:05:38	00:00:13	3,85	13,85	
	15	07:05:40	07:05:57	00:00:17	2,94	10,59	
	16	07:06:00	07:06:18	00:00:18	2,78	10,00	
	17	07:06:20	07:06:40	00:00:20	2,50	9,00	
	18	07:07:00	07:07:18	00:00:18	2,78	10,00	
	19	07:07:40	07:08:00	00:00:20	2,50	9,00	
	20	07:08:05	07:08:17	00:00:12	4,17	15,00	
	21	07:08:40	07:08:58	00:00:18	2,78	10,00	
	22	07:09:20	07:09:35	00:00:15	3,33	12,00	
	23	07:09:50	07:10:14	00:00:24	2,08	7,50	
	24	07:10:30	07:11:48	00:01:18	2,78	10,00	
	25	07:11:00	07:11:14	00:00:14	3,57	12,86	
	26	07:11:30	07:11:47	00:00:17	2,94	10,59	
	27	07:12:05	07:12:28	00:00:23	2,17	7,83	
07.15-07.30	1	07:15:45	07:15:55	00:00:10	5,00	18,00	14,10
	2	07:16:03	07:16:15	00:00:12	4,17	15,00	
	3	07:16:20	07:16:31	00:00:11	4,55	16,36	
	4	07:16:40	07:16:58	00:00:18	2,78	10,00	
	5	07:17:10	07:17:22	00:00:12	4,17	15,00	
	6	07:17:30	07:17:44	00:00:14	3,57	12,86	
	7	07:17:55	07:18:03	00:00:08	6,25	22,50	
	8	07:18:10	07:18:21	00:00:11	4,55	16,36	
	9	07:18:34	07:18:47	00:00:13	3,85	13,85	
	10	07:18:55	07:19:08	00:00:13	3,85	13,85	
	11	07:19:10	07:19:25	00:00:15	3,33	12,00	
	12	07:19:30	07:19:42	00:00:12	4,17	15,00	
	13	07:19:50	07:20:03	00:00:13	3,85	13,85	
	14	07:20:10	07:20:20	00:00:10	5,00	18,00	
	15	07:20:25	07:20:38	00:00:13	3,85	13,85	
	16	07:20:52	07:21:05	00:00:13	3,85	13,85	
	17	07:21:10	07:21:22	00:00:12	4,17	15,00	
	18	07:21:28	07:21:40	00:00:12	4,17	15,00	
	19	07:21:50	07:22:04	00:00:14	3,57	12,86	
	20	07:22:10	07:22:24	00:00:14	3,57	12,86	
	21	07:22:30	07:22:42	00:00:12	4,17	15,00	

	22	07:22:50	07:23:05	00:00:15	3,33	12,00	
	23	07:23:10	07:23:23	00:00:13	3,85	13,85	
	24	07:23:35	07:23:48	00:00:13	3,85	13,85	
	25	07:23:55	07:24:10	00:00:15	3,33	12,00	
	26	07:24:05	07:24:30	00:00:25	2,00	7,20	
	27	07:24:40	07:24:54	00:00:14	3,57	12,86	
	28	07:25:00	07:25:15	00:00:15	3,33	12,00	
07.30-07.45	1	07:30:45	07:30:58	00:00:13	3,85	13,85	15,28
	2	07:31:40	07:31:54	00:00:14	3,57	12,86	
	3	07:32:10	07:32:25	00:00:15	3,33	12,00	
	4	07:33:05	07:33:17	00:00:12	4,17	15,00	
	5	07:33:50	07:34:05	00:00:15	3,33	12,00	
	6	07:35:15	07:35:28	00:00:13	3,85	13,85	
	7	07:35:55	07:36:07	00:00:12	4,17	15,00	
	8	07:37:10	07:37:23	00:00:13	3,85	13,85	
	9	07:37:50	07:38:03	00:00:13	3,85	13,85	
	10	07:38:40	07:38:58	00:00:18	2,78	10,00	
	11	07:39:07	07:39:17	00:00:10	5,00	18,00	
	12	07:39:25	07:39:38	00:00:13	3,85	13,85	
	13	07:40:10	07:40:22	00:00:12	4,17	15,00	
	14	07:40:45	07:40:57	00:00:12	4,17	15,00	
	15	07:41:15	07:41:25	00:00:10	5,00	18,00	
	16	07:41:50	07:42:00	00:00:10	5,00	18,00	
	17	07:42:30	07:42:39	00:00:09	5,56	20,00	
	18	07:43:50	07:44:00	00:00:10	5,00	18,00	
	19	07:44:10	07:44:18	00:00:08	6,25	22,50	
	20	07:44:30	07:44:42	00:00:12	4,17	15,00	
07.45-08.00	1	07:45:00	07:45:09	00:00:09	5,56	20,00	21,73
	2	07:45:20	07:45:31	00:00:11	4,55	16,36	
	3	07:45:55	07:46:04	00:00:09	5,56	20,00	
	4	07:46:20	07:46:28	00:00:08	6,25	22,50	
	5	07:46:40	07:46:51	00:00:11	4,55	16,36	
	6	07:47:00	07:47:10	00:00:10	5,00	18,00	
	7	07:47:15	07:47:24	00:00:09	5,56	20,00	
	8	07:47:25	07:47:33	00:00:08	6,25	22,50	
	9	07:47:40	07:47:48	00:00:08	6,25	22,50	
	10	07:47:50	07:48:08	00:00:18	2,78	10,00	
	11	07:48:00	07:48:08	00:00:08	6,25	22,50	
	12	07:48:15	07:48:22	00:00:07	7,14	25,71	
	13	07:48:50	07:48:58	00:00:08	6,25	22,50	
	14	07:49:10	07:49:17	00:00:07	7,14	25,71	
	15	07:49:40	07:49:48	00:00:08	6,25	22,50	
	16	07:50:02	07:50:10	00:00:08	6,25	22,50	
	17	07:50:20	07:50:27	00:00:07	7,14	25,71	
	18	07:50:40	07:50:48	00:00:08	6,25	22,50	
	19	07:51:10	07:51:20	00:00:10	5,00	18,00	
	20	07:51:25	07:51:33	00:00:08	6,25	22,50	
	21	07:52:10	07:52:16	00:00:06	8,33	30,00	

	22	07:52:32	07:52:39	00:00:07	7,14	25,71	
	23	07:53:00	07:53:07	00:00:07	7,14	25,71	
08.00-08.15	1	08:00:00	08:00:05	00:00:05	10,00	36,00	37,93
	2	08:00:50	08:00:56	00:00:06	8,33	30,00	
	3	08:01:20	08:01:25	00:00:05	10,00	36,00	
	4	08:01:40	08:01:44	00:00:04	12,50	45,00	
	5	08:02:37	08:02:42	00:00:05	10,00	36,00	
	6	08:02:50	08:02:54	00:00:04	12,50	45,00	
	7	08:03:10	08:03:14	00:00:04	12,50	45,00	
	8	08:04:50	08:04:55	00:00:05	10,00	36,00	
	9	08:05:23	08:05:28	00:00:05	10,00	36,00	
	10	08:06:15	08:06:21	00:00:06	8,33	30,00	
	11	08:06:50	08:06:55	00:00:05	10,00	36,00	
	12	08:07:24	08:07:28	00:00:04	12,50	45,00	
	13	08:08:43	08:08:49	00:00:06	8,33	30,00	
	14	08:09:30	08:09:34	00:00:04	12,50	45,00	
08.15-08.30	1	08:15:00	08:15:05	00:00:05	10,00	36,00	43,80
	2	08:15:20	08:15:24	00:00:04	12,50	45,00	
	3	08:15:43	08:15:47	00:00:04	12,50	45,00	
	4	08:16:10	08:16:15	00:00:05	10,00	36,00	
	5	08:16:30	08:16:35	00:00:05	10,00	36,00	
	6	08:17:02	08:17:07	00:00:05	10,00	36,00	
	7	08:17:20	08:17:23	00:00:03	16,67	60,00	
	8	08:17:40	08:17:44	00:00:04	12,50	45,00	
	9	08:18:05	08:18:09	00:00:04	12,50	45,00	
	10	08:18:20	08:18:24	00:00:04	12,50	45,00	
	11	08:18:43	08:18:47	00:00:04	12,50	45,00	
	12	08:19:02	08:19:08	00:00:06	8,33	30,00	
	13	08:19:15	08:19:19	00:00:04	12,50	45,00	
	14	08:20:17	08:20:22	00:00:05	10,00	36,00	
	15	08:20:33	08:20:36	00:00:03	16,67	60,00	
	16	08:21:17	08:21:21	00:00:04	12,50	45,00	
	17	08:21:44	08:21:48	00:00:04	12,50	45,00	
	18	08:22:18	08:22:22	00:00:04	12,50	45,00	
	19	08:23:42	08:23:45	00:00:03	16,67	60,00	
	20	08:23:50	08:23:55	00:00:05	10,00	36,00	
08.30-08.45	1	08:30:00	08:30:04	00:00:04	12,50	45,00	40,75
	2	08:30:20	08:30:25	00:00:05	10,00	36,00	
	3	08:30:31	08:30:35	00:00:04	12,50	45,00	
	4	08:31:21	08:31:26	00:00:05	10,00	36,00	
	5	08:31:40	08:31:44	00:00:04	12,50	45,00	
	6	08:32:16	08:32:20	00:00:04	12,50	45,00	
	7	08:32:42	08:32:45	00:00:03	16,67	60,00	
	8	08:33:12	08:33:16	00:00:04	12,50	45,00	
	9	08:33:37	08:33:41	00:00:04	12,50	45,00	
	10	08:34:07	08:34:10	00:00:03	16,67	60,00	
	11	08:34:22	08:34:27	00:00:05	10,00	36,00	

	12	08:34:38	08:34:43	00:00:05	10,00	36,00	
	13	08:34:57	08:35:01	00:00:04	12,50	45,00	
	14	08:35:10	08:35:15	00:00:05	10,00	36,00	
	15	08:35:27	08:35:32	00:00:05	10,00	36,00	
	16	08:35:41	08:35:44	00:00:03	16,67	60,00	
	17	08:36:06	08:36:10	00:00:04	12,50	45,00	
	18	08:36:21	08:36:25	00:00:04	12,50	45,00	
	19	08:36:32	08:36:44	00:00:12	4,17	15,00	
	20	08:36:50	08:37:02	00:00:12	4,17	15,00	
	21	08:37:10	08:37:16	00:00:06	8,33	30,00	
	22	08:38:18	08:38:23	00:00:05	10,00	36,00	
	23	08:38:31	08:38:35	00:00:04	12,50	45,00	
	24	08:39:12	08:39:17	00:00:05	10,00	36,00	
08.45-09.00	1	08:45:08	08:45:12	00:00:04	12,50	45,00	45,00
	2	08:45:56	08:46:00	00:00:04	12,50	45,00	
	3	08:46:21	08:46:25	00:00:04	12,50	45,00	
	4	08:46:47	08:46:50	00:00:03	16,67	60,00	
	5	08:47:10	08:47:13	00:00:03	16,67	60,00	
	6	08:47:20	08:47:24	00:00:04	12,50	45,00	
	7	08:47:54	08:47:57	00:00:03	16,67	60,00	
	8	08:48:13	08:48:16	00:00:03	16,67	60,00	
	9	08:48:21	08:48:25	00:00:04	12,50	45,00	
	10	08:48:32	08:48:36	00:00:04	12,50	45,00	
	11	08:49:03	08:49:08	00:00:05	10,00	36,00	
	12	08:49:17	08:49:22	00:00:05	10,00	36,00	
	13	08:49:50	08:49:56	00:00:06	8,33	30,00	
	14	08:50:12	08:50:18	00:00:06	8,33	30,00	
	15	08:50:27	08:50:32	00:00:05	10,00	36,00	
	16	08:51:21	08:51:25	00:00:04	12,50	45,00	
	17	08:51:44	08:51:49	00:00:05	10,00	36,00	
	18	08:52:06	08:52:10	00:00:04	12,50	45,00	
	19	08:52:30	08:52:35	00:00:05	10,00	36,00	
	20	08:53:10	08:53:13	00:00:03	16,67	60,00	
09.00-09.15	1	09:00:20	09:00:24	00:00:04	12,50	45,00	41,55
	2	09:00:30	09:00:35	00:00:05	10,00	36,00	
	3	09:01:02	09:01:05	00:00:03	16,67	60,00	
	4	09:01:17	09:01:22	00:00:05	10,00	36,00	
	5	09:01:44	09:01:49	00:00:05	10,00	36,00	
	6	09:01:58	09:02:03	00:00:05	10,00	36,00	
	7	09:02:13	09:02:17	00:00:04	12,50	45,00	
	8	09:02:36	09:02:41	00:00:05	10,00	36,00	
	9	09:02:55	09:03:00	00:00:05	10,00	36,00	
	10	09:03:42	09:03:46	00:00:04	12,50	45,00	
	11	09:03:51	09:03:55	00:00:04	12,50	45,00	
	12	09:04:17	09:04:20	00:00:03	16,67	60,00	
	13	09:04:28	09:04:32	00:00:04	12,50	45,00	
	14	09:04:40	09:04:44	00:00:04	12,50	45,00	
	15	09:05:10	09:05:15	00:00:05	10,00	36,00	

	16	09:05:47	09:05:51	00:00:04	12,50	45,00	
	17	09:06:22	09:06:27	00:00:05	10,00	36,00	
	18	09:06:48	09:06:53	00:00:05	10,00	36,00	
	19	09:07:30	09:07:35	00:00:05	10,00	36,00	
	20	09:07:57	09:08:02	00:00:05	10,00	36,00	
09.15-09.30	1	09:15:59	09:16:05	00:00:06	8,33	30,00	41,00
	2	09:16:10	09:16:14	00:00:04	12,50	45,00	
	3	09:16:20	09:16:24	00:00:04	12,50	45,00	
	4	09:16:47	09:16:52	00:00:05	10,00	36,00	
	5	09:17:05	09:17:10	00:00:05	10,00	36,00	
	6	09:17:21	09:17:25	00:00:04	12,50	45,00	
	7	09:17:33	09:17:37	00:00:04	12,50	45,00	
	8	09:17:54	09:17:59	00:00:05	10,00	36,00	
	9	09:18:32	09:18:37	00:00:05	10,00	36,00	
	10	09:18:42	09:18:46	00:00:04	12,50	45,00	
	11	09:19:14	09:19:18	00:00:04	12,50	45,00	
	12	09:19:27	09:19:31	00:00:04	10,00	36,00	
	13	09:19:57	09:20:02	00:00:05	12,50	45,00	
	14	09:20:33	09:20:37	00:00:04	12,50	45,00	
	15	09:20:51	09:20:55	00:00:04	12,50	45,00	
09.30-09.45	1	09:30:21	09:30:25	00:00:04	12,50	45,00	40,40
	2	09:30:38	09:30:42	00:00:04	12,50	45,00	
	3	09:30:52	09:30:57	00:00:05	10,00	36,00	
	4	09:31:03	09:31:08	00:00:05	10,00	36,00	
	5	09:31:23	09:31:27	00:00:04	12,50	45,00	
	6	09:31:44	09:31:48	00:00:04	12,50	45,00	
	7	09:31:59	09:32:05	00:00:06	8,33	30,00	
	8	09:32:41	09:32:45	00:00:04	12,50	45,00	
	9	09:32:54	09:32:58	00:00:04	12,50	45,00	
	10	09:33:17	09:33:22	00:00:05	10,00	36,00	
	11	09:33:34	09:33:39	00:00:05	10,00	36,00	
	12	09:33:50	09:33:55	00:00:05	10,00	36,00	
	13	09:34:15	09:34:20	00:00:05	10,00	36,00	
	14	09:34:52	09:34:56	00:00:04	12,50	45,00	
	15	09:35:23	09:35:27	00:00:04	12,50	45,00	
09.45-10.00	1	09:45:42	09:45:46	00:00:04	12,50	45,00	36,51
	2	09:45:53	09:45:58	00:00:05	10,00	36,00	
	3	09:46:04	09:46:09	00:00:05	10,00	36,00	
	4	09:46:21	09:46:25	00:00:04	12,50	45,00	
	5	09:46:48	09:46:53	00:00:05	10,00	36,00	
	6	09:47:13	09:47:17	00:00:04	12,50	45,00	
	7	09:47:54	09:48:00	00:00:06	8,33	30,00	
	8	09:48:20	09:48:25	00:00:05	10,00	36,00	
	9	09:49:04	09:49:08	00:00:04	12,50	45,00	
	10	09:49:31	09:49:37	00:00:06	8,33	30,00	
	11	09:49:57	09:50:02	00:00:05	10,00	36,00	
	12	09:50:46	09:50:52	00:00:06	8,33	30,00	

	13	09:51:17	09:51:24	00:00:07	7,14	25,71	
	14	09:51:50	09:51:55	00:00:05	10,00	36,00	
	15	09:52:15	09:52:20	00:00:05	10,00	36,00	
14.00-14.15	1	14:00:07	14:00:17	00:00:10	5,00	18,00	14,82
	2	14:00:22	14:00:34	00:00:12	4,17	15,00	
	3	14:00:53	14:01:07	00:00:14	3,57	12,86	
	4	14:01:15	14:01:28	00:00:13	3,85	13,85	
	5	14:01:40	14:01:46	00:00:06	8,33	30,00	
	6	14:01:53	14:02:04	00:00:11	4,55	16,36	
	7	14:02:11	14:02:33	00:00:22	2,27	8,18	
	8	14:02:45	14:03:04	00:00:19	2,63	9,47	
	9	14:03:10	14:03:27	00:00:17	2,94	10,59	
	10	14:03:36	14:03:49	00:00:13	3,85	13,85	
14.15-14.30	1	14:15:07	14:15:18	00:00:11	4,55	16,36	23,50
	2	14:15:40	14:15:52	00:00:12	4,17	15,00	
	3	14:16:11	14:16:20	00:00:09	5,56	20,00	
	4	14:16:47	14:16:58	00:00:11	4,55	16,36	
	5	14:17:06	14:17:15	00:00:09	5,56	20,00	
	6	14:17:41	14:17:52	00:00:11	4,55	16,36	
	7	14:18:00	14:18:09	00:00:09	5,56	20,00	
	8	14:18:22	14:18:31	00:00:09	5,56	20,00	
	9	14:18:50	14:18:58	00:00:08	6,25	22,50	
	10	14:19:18	14:19:26	00:00:08	6,25	22,50	
	11	14:19:34	14:19:45	00:00:11	4,55	16,36	
	12	14:20:02	14:20:07	00:00:05	10,00	36,00	
	13	14:20:24	14:20:30	00:00:06	8,33	30,00	
	14	14:20:57	14:21:02	00:00:05	10,00	36,00	
	15	14:21:11	14:21:15	00:00:04	12,50	45,00	
14.30-14.45	1	14:30:03	14:30:07	00:00:04	12,50	45,00	42,80
	2	14:30:22	14:30:27	00:00:05	10,00	36,00	
	3	14:30:46	14:30:51	00:00:05	10,00	36,00	
	4	14:31:03	14:31:07	00:00:04	12,50	45,00	
	5	14:31:19	14:31:24	00:00:05	10,00	36,00	
	6	14:31:34	14:31:38	00:00:04	12,50	45,00	
	7	14:31:47	14:31:52	00:00:05	10,00	36,00	
	8	14:31:58	14:32:03	00:00:05	10,00	36,00	
	9	14:32:15	14:32:19	00:00:04	12,50	45,00	
	10	14:32:32	14:32:37	00:00:05	10,00	36,00	
	11	14:32:45	14:32:48	00:00:03	16,67	60,00	
	12	14:33:51	14:33:55	00:00:04	12,50	45,00	
	13	14:34:09	14:34:13	00:00:04	12,50	45,00	
	14	14:34:58	14:35:03	00:00:05	10,00	36,00	
	15	14:35:10	14:35:13	00:00:03	16,67	60,00	
14.45-15.00	1	14:45:11	14:45:15	00:00:04	12,50	45,00	45,68
	2	14:45:23	14:45:28	00:00:05	10,00	36,00	

	3	14:45:44	14:45:49	00:00:05	10,00	36,00	
	4	14:45:58	14:46:03	00:00:05	10,00	36,00	
	5	14:46:13	14:46:18	00:00:05	10,00	36,00	
	6	14:46:33	14:46:41	00:00:08	6,25	22,50	
	7	14:47:03	14:47:07	00:00:04	12,50	45,00	
	8	14:47:11	14:47:16	00:00:05	10,00	36,00	
	9	14:47:23	14:47:28	00:00:05	10,00	36,00	
	10	14:47:37	14:47:40	00:00:03	16,67	60,00	
	11	14:47:52	14:47:55	00:00:03	16,67	60,00	
	12	14:48:00	14:48:04	00:00:04	12,50	45,00	
	13	14:48:10	14:48:13	00:00:03	16,67	60,00	
	14	14:48:21	14:48:24	00:00:03	16,67	60,00	
	15	14:48:54	14:48:58	00:00:04	12,50	45,00	
	16	14:49:06	14:49:10	00:00:04	12,50	45,00	
	17	14:49:15	14:49:19	00:00:04	12,50	45,00	
	18	14:49:30	14:49:33	00:00:03	16,67	60,00	
	19	14:49:52	14:49:56	00:00:04	12,50	45,00	
	20	14:50:08	14:50:11	00:00:03	16,67	60,00	
15.00-15.15	1	15:00:09	15:00:14	00:00:05	10,00	36,00	42,19
	2	15:00:24	15:00:29	00:00:05	10,00	36,00	
	3	15:01:37	15:01:42	00:00:05	10,00	36,00	
	4	15:01:50	15:01:54	00:00:04	12,50	45,00	
	5	15:02:02	15:02:07	00:00:05	10,00	36,00	
	6	15:02:15	15:02:20	00:00:05	10,00	36,00	
	7	15:02:31	15:02:35	00:00:04	12,50	45,00	
	8	15:02:42	15:02:47	00:00:05	10,00	36,00	
	9	15:02:53	15:02:57	00:00:04	12,50	45,00	
	10	15:03:01	15:03:05	00:00:04	12,50	45,00	
	11	15:03:13	15:03:17	00:00:04	12,50	45,00	
	12	15:03:26	15:03:29	00:00:03	16,67	60,00	
	13	15:03:41	15:03:45	00:00:04	12,50	45,00	
	14	15:04:07	15:04:10	00:00:03	16,67	60,00	
	15	15:04:23	15:04:28	00:00:05	10,00	36,00	
	16	15:04:51	15:04:55	00:00:04	12,50	45,00	
	17	15:05:09	15:05:13	00:00:04	12,50	45,00	
	18	15:05:23	15:05:28	00:00:05	10,00	36,00	
	19	15:05:50	15:05:54	00:00:04	12,50	45,00	
	20	15:06:14	15:06:18	00:00:04	12,50	45,00	
	21	15:06:27	15:06:31	00:00:04	12,50	45,00	
	22	15:07:10	15:07:14	00:00:04	12,50	45,00	
	23	15:08:19	15:08:23	00:00:04	12,50	45,00	
	24	15:09:24	15:09:29	00:00:05	10,00	36,00	
	25	15:09:46	15:09:53	00:00:07	7,14	25,71	
15.15-15.30	1	15:15:42	15:15:47	00:00:05	10,00	36,00	35,64
	2	15:15:54	15:15:59	00:00:05	10,00	36,00	
	3	15:16:08	15:16:13	00:00:05	10,00	36,00	
	4	15:16:24	15:16:28	00:00:04	12,50	45,00	
	5	15:17:02	15:17:07	00:00:05	10,00	36,00	

	6	15:18:24	15:18:29	00:00:05	10,00	36,00	
	7	15:18:54	15:19:01	00:00:07	7,14	25,71	
	8	15:19:32	15:19:38	00:00:06	8,33	30,00	
	9	15:20:09	15:20:14	00:00:05	10,00	36,00	
	10	15:20:26	15:20:30	00:00:04	12,50	45,00	
	11	15:21:43	15:21:48	00:00:05	10,00	36,00	
	12	15:22:18	15:22:24	00:00:06	8,33	30,00	
15.30-15.45	1	15:30:14	15:30:18	00:00:04	12,50	45,00	43,59
	2	15:30:22	15:30:26	00:00:04	12,50	45,00	
	3	15:30:44	15:30:49	00:00:05	10,00	36,00	
	4	15:30:58	15:31:03	00:00:05	10,00	36,00	
	5	15:31:16	15:31:20	00:00:04	12,50	45,00	
	6	15:31:47	15:31:51	00:00:04	12,50	45,00	
	7	15:32:08	15:32:12	00:00:04	12,50	45,00	
	8	15:32:35	15:32:40	00:00:05	10,00	36,00	
	9	15:32:56	15:33:00	00:00:04	12,50	45,00	
	10	15:33:11	15:33:16	00:00:05	10,00	36,00	
	11	15:33:24	15:33:28	00:00:04	12,50	45,00	
	12	15:33:47	15:33:50	00:00:03	16,67	60,00	
	13	15:33:58	15:34:05	00:00:07	7,14	25,71	
	14	15:34:25	15:34:28	00:00:03	16,67	60,00	
	15	15:34:54	15:34:58	00:00:04	12,50	45,00	
	16	15:35:20	15:35:25	00:00:05	10,00	36,00	
	17	15:35:41	15:35:45	00:00:04	12,50	45,00	
	18	15:36:02	15:36:06	00:00:04	12,50	45,00	
	19	15:37:11	15:37:16	00:00:05	10,00	36,00	
	20	15:38:20	15:38:23	00:00:03	16,67	60,00	
15.45-16.00	1	15:45:55	15:46:01	00:00:06	8,33	30,00	37,96
	2	15:46:07	15:46:12	00:00:05	10,00	36,00	
	3	15:46:35	15:46:39	00:00:04	12,50	45,00	
	4	15:46:52	15:46:57	00:00:05	10,00	36,00	
	5	15:47:05	15:47:09	00:00:04	12,50	45,00	
	6	15:48:08	15:48:13	00:00:05	10,00	36,00	
	7	15:48:20	15:48:26	00:00:06	8,33	30,00	
	8	15:48:33	15:48:37	00:00:04	12,50	45,00	
	9	15:48:51	15:48:55	00:00:04	12,50	45,00	
	10	15:49:05	15:49:10	00:00:05	10,00	36,00	
	11	15:49:20	15:49:24	00:00:04	12,50	45,00	
	12	15:49:31	15:49:36	00:00:05	10,00	36,00	
	13	15:49:52	15:49:56	00:00:04	12,50	45,00	
	14	15:50:07	15:50:13	00:00:06	8,33	30,00	
	15	15:50:21	15:50:25	00:00:04	12,50	45,00	
	16	15:50:55	15:50:59	00:00:04	12,50	45,00	
	17	15:51:10	15:51:14	00:00:04	12,50	45,00	
	18	15:51:27	15:51:32	00:00:05	10,00	36,00	
	19	15:52:17	15:52:23	00:00:06	8,33	30,00	
	20	15:52:44	15:52:50	00:00:06	8,33	30,00	
	21	15:53:21	15:53:27	00:00:06	8,33	30,00	

	22	15:54:32	15:54:37	00:00:05	10,00	36,00	
	23	15:55:09	15:55:14	00:00:05	10,00	36,00	

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Hasil Analisis Kecepatan

Hari / Tanggal

Surveyor

Arah Arus

Jenis Kendaraan

Jarak

Waktu	Kend ke-
06.00-06.15	1
	2
	3
	4
	5
	6
	7
	8
06.15-06.30	1
	2
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	10
	11
	12
06.30-06.45	1
	2
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	12
06.45-07.00	1
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15.15-15.30	1
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	14
15.30-15.45	1
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	12
15.45-16.00	1
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Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

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Waktu	Kend ke-
06.00-06.15	1
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06.15-06.30	1
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06.30-06.45	1
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	9
06.45-07.00	1
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	3
	4
	5
	6
	7
07.00-07.15	1
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	9
07.15-07.30	1
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6,94	25,00	7,20
6,45	23,23	7,75
9,18	33,06	5,44
7,94	28,57	6,30
14,29	51,43	3,50
9,09	32,73	5,50

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07.30-07.45	1
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	9
07.45-08.00	1
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08.00-08.15	1
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08.15-08.30	1
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Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

Waktu	Kend ke-
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Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

Waktu	Kend ke-
06.00-06.15	1
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	16
06.15-06.30	1
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an Tempuh (Tidak Ada Parkir)

: Sabtu / 2 September 2006

: Wahyu dan Danang

: Wonogiri - Solo

: LV

: 50 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata	Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)	(Vs)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam	m/detik
06:06:38	06:06:47	00:00:09	5,56	20,00	25,40	6,67
06:08:18	06:08:26	00:00:08	6,25	22,50		
06:09:26	06:09:32	00:00:06	8,33	30,00		
06:09:49	06:09:56	00:00:07	7,14	25,71		
06:11:01	06:11:07	00:00:06	8,33	30,00		
06:11:24	06:11:36	00:00:12	4,17	15,00		
06:12:26	06:12:32	00:00:06	8,33	30,00		
06:14:31	06:14:37	00:00:06	8,33	30,00		
06:15:48	06:15:56	00:00:08	6,25	22,50	23,70	6,12
06:16:15	06:16:22	00:00:07	7,14	25,71		
06:16:37	06:16:47	00:00:10	5,00	18,00		
06:20:36	06:20:41	00:00:05	10,00	36,00		
06:20:51	06:20:57	00:00:06	8,33	30,00		
06:21:10	06:21:18	00:00:08	6,25	22,50		
06:21:59	06:22:12	00:00:13	3,85	13,85		
06:22:59	06:23:09	00:00:10	5,00	18,00		
06:23:42	06:23:49	00:00:07	7,14	25,71		
06:25:18	06:25:24	00:00:06	8,33	30,00		
06:27:31	06:27:42	00:00:11	4,55	16,36		
06:28:54	06:29:01	00:00:07	7,14	25,71		
06:30:53	06:31:01	00:00:08	6,25	22,50	22,96	6,00
06:31:31	06:31:37	00:00:06	8,33	30,00		
06:33:01	06:33:13	00:00:12	4,17	15,00		
06:34:26	06:34:32	00:00:06	8,33	30,00		
06:35:30	06:35:41	00:00:11	4,55	16,36		
06:35:58	06:36:06	00:00:08	6,25	22,50		
06:36:34	06:36:42	00:00:08	6,25	22,50		
06:37:06	06:37:19	00:00:13	3,85	13,85		
06:38:18	06:38:25	00:00:07	7,14	25,71		
06:38:42	06:38:49	00:00:07	7,14	25,71		
06:39:58	06:40:05	00:00:07	7,14	25,71		
06:41:45	06:41:52	00:00:07	7,14	25,71		
06:45:15	06:45:26	00:00:11	4,55	16,36	23,69	5,73
06:45:47	06:45:54	00:00:07	7,14	25,71		
06:46:10	06:46:16	00:00:06	8,33	30,00		

06:46:31	06:46:38	00:00:07	7,14	25,71		
06:47:28	06:47:34	00:00:06	8,33	30,00		
06:47:46	06:47:53	00:00:07	7,14	25,71		
06:48:04	06:48:10	00:00:06	8,33	30,00		
06:48:33	06:48:45	00:00:12	4,17	15,00		
06:49:08	06:49:15	00:00:07	7,14	25,71		
06:49:27	06:49:33	00:00:06	8,33	30,00		
06:49:43	06:49:51	00:00:08	6,25	22,50		
06:51:10	06:51:17	00:00:07	7,14	25,71		
06:53:10	06:53:35	00:00:25	2,00	7,20		
06:55:02	06:55:09	00:00:07	7,14	25,71		
06:55:18	06:55:27	00:00:09	5,56	20,00		
07:00:25	07:00:32	00:00:07	7,14	25,71	30,45	7,78
07:00:49	07:00:55	00:00:06	8,33	30,00		
07:01:57	07:02:03	00:00:06	8,33	30,00		
07:02:18	07:02:22	00:00:04	12,50	45,00		
07:02:59	07:03:06	00:00:07	7,14	25,71		
07:03:33	07:03:38	00:00:05	10,00	36,00		
07:04:48	07:04:52	00:00:04	12,50	45,00		
07:05:37	07:05:42	00:00:05	10,00	36,00		
07:06:57	07:07:02	00:00:05	10,00	36,00		
07:07:31	07:07:39	00:00:08	6,25	22,50		
07:08:24	07:08:30	00:00:06	8,33	30,00		
07:09:03	07:09:13	00:00:10	5,00	18,00		
07:09:05	07:09:16	00:00:11	4,55	16,36		
07:09:46	07:09:52	00:00:06	8,33	30,00		
07:15:09	07:15:17	00:00:08	6,25	22,50	25,29	6,77
07:16:16	07:16:24	00:00:08	6,25	22,50		
07:16:29	07:16:35	00:00:06	8,33	30,00		
07:16:43	07:16:49	00:00:06	8,33	30,00		
07:16:57	07:17:04	00:00:07	7,14	25,71		
07:18:11	07:18:18	00:00:07	7,14	25,71		
07:18:41	07:18:52	00:00:11	4,55	16,36		
07:19:22	07:19:30	00:00:08	6,25	22,50		
07:19:52	07:20:00	00:00:08	6,25	22,50		
07:20:02	07:20:10	00:00:08	6,25	22,50		
07:22:37	07:22:43	00:00:06	8,33	30,00		
07:23:03	07:23:11	00:00:08	6,25	22,50		
07:23:48	07:23:53	00:00:05	10,00	36,00		
07:30:28	07:30:36	00:00:08	6,25	22,50	26,44	6,96
07:30:51	07:30:57	00:00:06	8,33	30,00		
07:31:02	07:31:10	00:00:08	6,25	22,50		
07:32:01	07:32:06	00:00:05	10,00	36,00		
07:32:34	07:32:40	00:00:06	8,33	30,00		
07:33:05	07:33:13	00:00:08	6,25	22,50		
07:34:00	07:34:05	00:00:05	10,00	36,00		
07:35:43	07:35:51	00:00:08	6,25	22,50		

07:41:23	07:41:29	00:00:06	8,33	30,00		
07:42:09	07:42:20	00:00:11	4,55	16,36		
07:44:01	07:44:09	00:00:08	6,25	22,50		
07:45:26	07:45:32	00:00:06	8,33	30,00	30,67	8,33
07:46:47	07:46:53	00:00:06	8,33	30,00		
07:47:55	07:48:01	00:00:06	8,33	30,00		
07:48:47	07:48:53	00:00:06	8,33	30,00		
07:49:15	07:49:20	00:00:05	10,00	36,00		
07:49:31	07:49:37	00:00:06	8,33	30,00		
07:49:45	07:49:51	00:00:06	8,33	30,00		
07:50:14	07:50:20	00:00:06	8,33	30,00		
07:50:30	07:50:36	00:00:06	8,33	30,00		
07:50:51	07:50:56	00:00:05	10,00	36,00		
07:51:13	07:51:18	00:00:05	10,00	36,00		
07:51:32	07:51:37	00:00:05	10,00	36,00		
07:52:59	07:53:05	00:00:06	8,33	30,00		
07:53:17	07:53:24	00:00:07	7,14	25,71		
07:53:19	07:53:26	00:00:07	7,14	25,71		
07:54:07	07:54:12	00:00:05	10,00	36,00		
07:55:06	07:55:15	00:00:09	5,56	20,00		
08:00:21	08:00:27	00:00:06	8,33	30,00	31,12	7,58
08:01:01	08:01:05	00:00:04	12,50	45,00		
08:01:35	08:01:41	00:00:06	8,33	30,00		
08:02:29	08:02:34	00:00:05	10,00	36,00		
08:04:19	08:04:25	00:00:06	8,33	30,00		
08:04:40	08:04:47	00:00:07	7,14	25,71		
08:05:33	08:05:38	00:00:05	10,00	36,00		
08:05:37	08:05:54	00:00:17	2,94	10,59		
08:06:50	08:06:55	00:00:05	10,00	36,00		
08:07:04	08:07:08	00:00:04	12,50	45,00		
08:07:20	08:07:25	00:00:05	10,00	36,00		
08:07:33	08:07:38	00:00:05	10,00	36,00		
08:08:38	08:08:46	00:00:08	6,25	22,50		
08:08:58	08:09:08	00:00:10	5,00	18,00		
08:09:44	08:09:50	00:00:06	8,33	30,00		
08:15:16	08:15:21	00:00:05	10,00	36,00	30,24	6,70
08:16:13	08:16:18	00:00:05	10,00	36,00		
08:16:33	08:16:38	00:00:05	10,00	36,00		
08:16:49	08:16:53	00:00:04	12,50	45,00		
08:17:04	08:17:09	00:00:05	10,00	36,00		
08:17:35	08:17:41	00:00:06	8,33	30,00		
08:18:05	08:18:10	00:00:05	10,00	36,00		
08:18:29	08:18:35	00:00:06	8,33	30,00		
08:19:39	08:19:45	00:00:06	8,33	30,00		
08:20:15	08:20:38	00:00:23	2,17	7,83		
08:21:35	08:21:39	00:00:04	12,50	45,00		
08:21:50	08:21:57	00:00:07	7,14	25,71		

08:23:43	08:23:58	00:00:15	3,33	12,00		
08:23:57	08:24:03	00:00:06	8,33	30,00		
08:25:15	08:25:25	00:00:10	5,00	18,00		
08:31:10	08:31:15	00:00:05	10,00	36,00	33,08	8,33
08:33:11	08:33:20	00:00:09	5,56	20,00		
08:33:57	08:34:04	00:00:07	7,14	25,71		
08:34:12	08:34:16	00:00:04	12,50	45,00		
08:34:27	08:34:39	00:00:12	4,17	15,00		
08:35:54	08:35:59	00:00:05	10,00	36,00		
08:37:05	08:37:10	00:00:05	10,00	36,00		
08:37:31	08:37:38	00:00:07	7,14	25,71		
08:37:52	08:37:59	00:00:07	7,14	25,71		
08:38:35	08:38:39	00:00:04	12,50	45,00		
08:39:03	08:39:08	00:00:05	10,00	36,00		
08:39:23	08:39:27	00:00:04	12,50	45,00		
08:40:19	08:40:24	00:00:05	10,00	36,00		
08:42:13	08:42:18	00:00:05	10,00	36,00		
08:45:26	08:45:32	00:00:06	8,33	30,00	31,83	8,51
08:46:04	08:46:09	00:00:05	10,00	36,00		
08:46:50	08:46:54	00:00:04	12,50	45,00		
08:47:06	08:47:12	00:00:06	8,33	30,00		
08:47:38	08:47:44	00:00:06	8,33	30,00		
08:48:02	08:48:07	00:00:05	10,00	36,00		
08:48:15	08:48:20	00:00:05	10,00	36,00		
08:48:26	08:48:31	00:00:05	10,00	36,00		
08:48:39	08:48:45	00:00:06	8,33	30,00		
08:48:54	08:49:02	00:00:08	6,25	22,50		
08:49:45	08:49:51	00:00:06	8,33	30,00		
08:49:57	08:50:02	00:00:05	10,00	36,00		
08:50:14	08:50:20	00:00:06	8,33	30,00		
08:51:24	08:51:29	00:00:05	10,00	36,00		
08:53:17	08:53:24	00:00:07	7,14	25,71		
08:55:06	08:55:15	00:00:09	5,56	20,00		
09:00:41	09:00:47	00:00:06	8,33	30,00	30,94	7,53
09:00:58	09:01:02	00:00:04	12,50	45,00		
09:01:12	09:01:16	00:00:04	12,50	45,00		
09:01:54	09:02:01	00:00:07	7,14	25,71		
09:02:14	09:02:19	00:00:05	10,00	36,00		
09:02:39	09:02:44	00:00:05	10,00	36,00		
09:02:48	09:02:55	00:00:07	7,14	25,71		
09:07:20	09:07:26	00:00:06	8,33	30,00		
09:07:47	09:08:01	00:00:14	3,57	12,86		
09:09:48	09:09:53	00:00:05	10,00	36,00		
09:10:27	09:10:37	00:00:10	5,00	18,00		
09:15:44	09:15:54	00:00:10	5,00	18,00	27,12	5,94
09:16:22	09:16:28	00:00:06	8,33	30,00		

09:16:40	09:16:46	00:00:06	8,33	30,00		
09:16:58	09:17:04	00:00:06	8,33	30,00		
09:17:46	09:17:51	00:00:05	10,00	36,00		
09:18:14	09:18:21	00:00:07	7,14	25,71		
09:18:29	09:18:56	00:00:27	1,85	6,67		
09:18:44	09:18:54	00:00:10	5,00	18,00		
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09:20:24	09:20:33	00:00:09	5,56	20,00		
09:21:18	09:21:22	00:00:04	12,50	45,00		
09:22:56	09:23:01	00:00:05	10,00	36,00		
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09:35:34	09:35:41	00:00:07	7,14	25,71		
09:35:54	09:36:04	00:00:10	5,00	18,00		
09:35:54	09:36:04	00:00:10	5,00	18,00		
09:36:39	09:36:46	00:00:07	7,14	25,71		
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09:37:20	09:37:26	00:00:06	8,33	30,00		
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09:38:52	09:38:59	00:00:07	7,14	25,71		
09:39:14	09:39:24	00:00:10	5,00	18,00		
09:39:36	09:39:50	00:00:14	3,57	12,86		
09:39:56	09:40:02	00:00:06	8,33	30,00		
09:45:02	09:45:07	00:00:05	10,00	36,00	32,06	8,33
09:45:59	09:46:05	00:00:06	8,33	30,00		
09:46:20	09:46:25	00:00:05	10,00	36,00		
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09:47:00	09:47:05	00:00:05	10,00	36,00		
09:47:16	09:47:23	00:00:07	7,14	25,71		
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09:48:00	09:48:12	00:00:12	4,17	15,00		
09:48:34	09:48:39	00:00:05	10,00	36,00		
09:49:07	09:49:12	00:00:05	10,00	36,00		
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14:09:00	14:09:10	00:00:10	5,00	18,00		
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14:10:35	14:10:43	00:00:08	6,25	22,50		
14:12:08	14:12:19	00:00:11	4,55	16,36		
14:13:26	14:13:34	00:00:08	6,25	22,50		
14:13:56	14:14:03	00:00:07	7,14	25,71		

14:15:13	14:15:22	00:00:09	5,56	20,00	24,04	5,67
14:15:28	14:15:36	00:00:08	6,25	22,50		
14:17:27	14:17:45	00:00:18	2,78	10,00		
14:18:30	14:18:38	00:00:08	6,25	22,50		
14:18:51	14:18:56	00:00:05	10,00	36,00		
14:19:36	14:19:40	00:00:04	12,50	45,00		
14:19:56	14:20:03	00:00:07	7,14	25,71		
14:20:20	14:20:26	00:00:06	8,33	30,00		
14:20:43	14:20:56	00:00:13	3,85	13,85		
14:20:58	14:21:09	00:00:11	4,55	16,36		
14:25:22	14:25:30	00:00:08	6,25	22,50		
14:30:07	14:30:15	00:00:08	6,25	22,50	27,40	6,52
14:30:24	14:30:40	00:00:16	3,13	11,25		
14:31:19	14:31:25	00:00:06	8,33	30,00		
14:31:34	14:31:38	00:00:04	12,50	45,00		
14:32:00	14:32:08	00:00:08	6,25	22,50		
14:32:56	14:33:02	00:00:06	6,25	22,50		
14:33:16	14:33:21	00:00:05	10,00	36,00		
14:33:28	14:33:38	00:00:10	5,00	18,00		
14:33:44	14:33:53	00:00:09	5,56	20,00		
14:34:27	14:34:32	00:00:05	10,00	36,00		
14:34:45	14:34:49	00:00:04	12,50	45,00		
14:36:44	14:36:53	00:00:09	5,56	20,00		
14:45:17	14:45:25	00:00:08	6,25	22,50	25,26	5,91
14:45:51	14:45:56	00:00:05	10,00	36,00		
14:46:11	14:46:17	00:00:06	8,33	30,00		
14:46:26	14:46:33	00:00:07	7,14	25,71		
14:47:49	14:47:57	00:00:08	6,25	22,50		
14:48:10	14:48:16	00:00:06	8,33	30,00		
14:49:21	14:49:27	00:00:06	8,33	30,00		
14:49:45	14:49:53	00:00:08	6,25	22,50		
14:50:44	14:50:50	00:00:06	8,33	30,00		
14:51:04	14:51:12	00:00:08	6,25	22,50		
14:51:18	14:51:24	00:00:06	8,33	30,00		
14:53:13	14:53:22	00:00:09	5,56	20,00		
14:54:28	14:54:55	00:00:27	1,85	6,67		
15:00:01	15:00:08	00:00:07	7,14	25,71	32,49	8,59
15:00:50	15:00:55	00:00:05	10,00	36,00		
15:01:02	15:01:09	00:00:07	7,14	25,71		
15:02:07	15:02:12	00:00:05	10,00	36,00		
15:02:30	15:02:35	00:00:05	10,00	36,00		
15:02:43	15:02:51	00:00:08	6,25	22,50		
15:03:47	15:03:52	00:00:05	10,00	36,00		
15:04:12	15:04:17	00:00:05	10,00	36,00		
15:05:20	15:05:24	00:00:04	12,50	45,00		
15:05:40	15:05:45	00:00:05	10,00	36,00		
15:07:54	15:08:02	00:00:08	6,25	22,50		

15:15:31	15:15:36	00:00:05	10,00	36,00	32,59	8,86
15:15:41	15:15:46	00:00:05	10,00	36,00		
15:16:52	15:17:58	00:01:06	8,33	30,00		
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15:17:30	15:18:35	00:01:05	10,00	36,00		
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15:20:27	15:20:35	00:00:08	6,25	22,50		
15:20:57	15:21:02	00:00:05	10,00	36,00		
15:21:14	15:21:20	00:00:06	8,33	30,00		
15:25:32	15:25:37	00:00:05	10,00	36,00		
15:25:48	15:25:53	00:00:05	10,00	36,00		
15:28:55	15:29:00	00:00:05	10,00	36,00		
15:30:32	15:30:36	00:00:04	12,50	45,00	29,83	6,74
15:30:50	15:30:56	00:00:06	8,33	30,00		
15:31:41	15:31:46	00:00:05	10,00	36,00		
15:32:05	15:32:09	00:00:04	12,50	45,00		
15:32:46	15:33:07	00:00:21	2,38	8,57		
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15:35:02	15:35:07	00:00:05	10,00	36,00		
15:35:22	15:35:28	00:00:06	8,33	30,00		
15:35:38	15:35:49	00:00:11	4,55	16,36		
15:38:22	15:38:28	00:00:06	8,33	30,00		
15:38:41	15:38:46	00:00:05	10,00	36,00		
15:39:12	15:39:20	00:00:08	6,25	22,50		
15:45:17	15:45:25	00:00:08	6,25	22,50	24,60	6,25
15:45:46	15:45:57	00:00:11	4,55	16,36		
15:45:51	15:45:56	00:00:05	10,00	36,00		
15:46:11	15:46:17	00:00:06	8,33	30,00		
15:47:49	15:47:57	00:00:08	6,25	22,50		
15:48:10	15:48:16	00:00:06	8,33	30,00		
15:49:11	15:49:20	00:00:09	5,56	20,00		
15:49:21	15:49:27	00:00:06	8,33	30,00		
15:50:44	15:50:50	00:00:06	8,33	30,00		
15:50:50	15:51:00	00:00:10	5,00	18,00		
15:51:04	15:51:12	00:00:08	6,25	22,50		
15:51:18	15:51:24	00:00:06	8,33	30,00		
15:52:38	15:52:53	00:00:15	3,33	12,00		

: Sabtu / 2 September 2006

: Wahyu Adi

: Solo - Wonogiri

: LV

: 50 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata	Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)	(Vs)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam	m/detik
06:07:02	06:07:08	00:00:06	8,33	30,00	28,04	5,88
06:08:06	06:08:09	00:00:03	16,67	60,00		
06:10:45	06:10:59	00:00:14	3,57	12,86		
06:11:53	06:12:07	00:00:14	3,57	12,86		
06:14:26	06:14:32	00:00:06	8,33	30,00		
06:14:36	06:14:44	00:00:08	6,25	22,50		
06:16:31	06:16:37	00:00:06	8,33	30,00	26,67	7,14
06:18:03	06:18:12	00:00:09	5,56	20,00		
06:19:26	06:19:32	00:00:06	8,33	30,00		
06:22:23	06:22:29	00:00:06	8,33	30,00		
06:24:57	06:25:06	00:00:09	5,56	20,00		
06:25:20	06:25:26	00:00:06	8,33	30,00		
06:32:00	06:32:05	00:00:05	10,00	36,00	26,70	6,92
06:32:40	06:32:45	00:00:05	10,00	36,00		
06:34:28	06:34:36	00:00:08	6,25	22,50		
06:35:46	06:35:53	00:00:07	7,14	25,71		
06:36:17	06:36:24	00:00:07	7,14	25,71		
06:37:36	06:37:47	00:00:11	4,55	16,36		
06:38:45	06:38:51	00:00:06	8,33	30,00		
06:39:06	06:39:12	00:00:06	8,33	30,00		
06:40:12	06:40:22	00:00:10	5,00	18,00		
06:49:48	06:49:54	00:00:06	8,33	30,00	32,17	8,54
06:50:27	06:50:31	00:00:04	12,50	45,00		
06:51:03	06:51:08	00:00:05	10,00	36,00		
06:51:23	06:51:31	00:00:08	6,25	22,50		
06:52:07	06:52:13	00:00:06	8,33	30,00		
06:53:24	06:53:29	00:00:05	10,00	36,00		
06:53:49	06:53:56	00:00:07	7,14	25,71		
07:01:13	07:01:19	00:00:06	8,33	30,00	31,20	8,04
07:01:35	07:01:42	00:00:07	7,14	25,71		
07:02:09	07:02:15	00:00:06	8,33	30,00		
07:02:36	07:02:43	00:00:07	7,14	25,71		
07:03:29	07:03:34	00:00:05	10,00	36,00		
07:03:50	07:03:54	00:00:04	12,50	45,00		
07:04:20	07:04:25	00:00:05	10,00	36,00		
07:08:20	07:08:31	00:00:11	4,55	16,36		
07:10:35	07:10:40	00:00:05	10,00	36,00		
07:15:58	07:16:04	00:00:06	8,33	30,00	31,18	7,84
07:16:38	07:16:45	00:00:07	7,14	25,71		
07:17:17	07:17:24	00:00:07	7,14	25,71		
07:17:49	07:17:53	00:00:04	12,50	45,00		
07:18:11	07:18:23	00:00:12	4,17	15,00		

07:19:35	07:19:40	00:00:05	10,00	36,00		
07:23:10	07:23:15	00:00:05	10,00	36,00		
07:27:58	07:28:03	00:00:05	10,00	36,00		
07:30:11	07:30:15	00:00:04	12,50	45,00	37,52	10,00
07:30:47	07:30:51	00:00:04	12,50	45,00		
07:32:15	07:32:20	00:00:05	10,00	36,00		
07:33:13	07:33:20	00:00:07	7,14	25,71		
07:34:02	07:34:06	00:00:04	12,50	45,00		
07:34:34	07:34:40	00:00:06	8,33	30,00		
07:36:17	07:36:21	00:00:04	12,50	45,00		
07:36:54	07:36:59	00:00:05	10,00	36,00		
07:38:07	07:38:13	00:00:06	8,33	30,00		
07:47:18	07:47:24	00:00:06	8,33	30,00	34,16	9,02
07:48:23	07:48:28	00:00:05	10,00	36,00		
07:48:45	07:48:51	00:00:06	8,33	30,00		
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07:49:51	07:49:56	00:00:05	10,00	36,00		
07:50:13	07:50:17	00:00:04	12,50	45,00		
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07:52:16	07:52:21	00:00:05	10,00	36,00		
07:53:09	07:53:13	00:00:04	12,50	45,00		
07:53:21	07:53:26	00:00:05	10,00	36,00		
07:54:37	07:54:42	00:00:05	10,00	36,00		
08:00:16	08:00:21	00:00:05	10,00	36,00	31,53	8,21
08:00:50	08:00:55	00:00:05	10,00	36,00		
08:01:12	08:01:19	00:00:07	7,14	25,71		
08:01:45	08:01:51	00:00:06	8,33	30,00		
08:02:10	08:02:15	00:00:05	10,00	36,00		
08:02:54	08:03:01	00:00:07	7,14	25,71		
08:03:24	08:03:30	00:00:06	8,33	30,00		
08:04:32	08:04:43	00:00:11	4,55	16,36		
08:06:12	08:06:17	00:00:05	10,00	36,00		
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08:15:25	08:15:33	00:00:08	6,25	22,50	39,13	9,85
08:15:53	08:15:57	00:00:04	12,50	45,00		
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08:18:17	08:18:21	00:00:04	12,50	45,00		
08:18:45	08:18:53	00:00:08	6,25	22,50		
08:19:32	08:19:36	00:00:04	12,50	45,00		
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08:20:18	08:20:21	00:00:03	16,67	60,00		
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08:21:45	08:21:49	00:00:04	12,50	45,00		
08:22:54	08:22:59	00:00:05	10,00	36,00		
08:24:02	08:24:09	00:00:07	7,14	25,71		

08:25:43	08:25:46	00:00:03	16,67	60,00		
08:32:07	08:32:12	00:00:05	10,00	36,00	35,93	8,46
08:32:59	08:33:04	00:00:05	10,00	36,00		
08:33:34	08:33:37	00:00:03	16,67	60,00		
08:34:30	08:34:35	00:00:05	10,00	36,00		
08:34:57	08:35:01	00:00:04	12,50	45,00		
08:35:29	08:35:34	00:00:05	10,00	36,00		
08:35:49	08:35:53	00:00:04	12,50	45,00		
08:36:34	08:36:40	00:00:06	8,33	30,00		
08:36:59	08:37:05	00:00:06	8,33	30,00		
08:38:44	08:38:50	00:00:06	8,33	30,00		
08:40:43	08:40:59	00:00:16	3,13	11,25		
08:45:44	08:45:49	00:00:05	10,00	36,00	31,67	8,33
08:46:10	08:46:14	00:00:04	12,50	45,00		
08:46:29	08:46:34	00:00:05	10,00	36,00		
08:47:09	08:47:17	00:00:08	6,25	22,50		
08:48:42	08:48:48	00:00:06	8,33	30,00		
08:49:31	08:49:40	00:00:09	5,56	20,00		
08:50:05	08:50:10	00:00:05	10,00	36,00		
08:51:21	08:51:27	00:00:06	8,33	30,00		
08:51:47	08:51:52	00:00:05	10,00	36,00		
08:51:47	08:51:53	00:00:06	8,33	30,00		
08:53:58	08:54:03	00:00:05	10,00	36,00		
08:59:36	08:59:44	00:00:08	6,25	22,50		
09:00:29	09:00:34	00:00:05	10,00	36,00	33,04	8,93
09:01:38	09:01:43	00:00:05	10,00	36,00		
09:02:23	09:02:29	00:00:06	8,33	30,00		
09:03:34	09:03:39	00:00:05	10,00	36,00		
09:04:07	09:04:13	00:00:06	8,33	30,00		
09:05:39	09:05:46	00:00:07	7,14	25,71		
09:07:12	09:07:18	00:00:06	8,33	30,00		
09:08:03	09:08:08	00:00:05	10,00	36,00		
09:08:44	09:08:48	00:00:04	12,50	45,00		
09:10:05	09:10:12	00:00:07	7,14	25,71		
09:16:05	09:16:12	00:00:07	7,14	25,71	33,97	8,46
09:16:29	09:16:35	00:00:06	8,33	30,00		
09:18:09	09:18:14	00:00:05	10,00	36,00		
09:18:34	09:18:46	00:00:12	4,17	15,00		
09:19:38	09:19:44	00:00:06	8,33	30,00		
09:20:38	09:20:41	00:00:03	16,67	60,00		
09:20:58	09:21:04	00:00:06	8,33	30,00		
09:22:01	09:22:06	00:00:05	10,00	36,00		
09:22:10	09:22:16	00:00:06	8,33	30,00		
09:22:40	09:22:45	00:00:05	10,00	36,00		
09:23:30	09:23:34	00:00:04	12,50	45,00		

09:30:56	09:31:01	00:00:05	10,00	36,00	28,63	5,74
09:31:32	09:31:59	00:00:27	1,85	6,67		
09:32:41	09:32:47	00:00:06	8,33	30,00		
09:32:47	09:32:53	00:00:06	8,33	30,00		
09:33:00	09:33:05	00:00:05	10,00	36,00		
09:33:17	09:33:22	00:00:05	10,00	36,00		
09:35:13	09:35:20	00:00:07	7,14	25,71		
09:45:19	09:45:24	00:00:05	10,00	36,00	29,43	7,43
09:45:35	09:45:40	00:00:05	10,00	36,00		
09:45:57	09:46:03	00:00:06	8,33	30,00		
09:46:29	09:46:33	00:00:04	12,50	45,00		
09:47:07	09:47:13	00:00:06	8,33	30,00		
09:47:37	09:47:44	00:00:07	7,14	25,71		
09:48:16	09:48:25	00:00:09	5,56	20,00		
09:48:38	09:48:47	00:00:09	5,56	20,00		
09:49:08	09:49:13	00:00:05	10,00	36,00		
09:49:59	09:50:05	00:00:06	8,33	30,00		
09:50:37	09:50:49	00:00:12	4,17	15,00		
14:06:32	14:06:36	00:00:04	12,50	45,00	33,43	8,73
14:08:07	14:08:13	00:00:06	8,33	30,00		
14:09:35	14:09:39	00:00:04	12,50	45,00		
14:10:05	14:10:09	00:00:04	12,50	45,00		
14:10:19	14:10:25	00:00:06	8,33	30,00		
14:10:41	14:10:46	00:00:05	10,00	36,00		
14:12:12	14:12:17	00:00:05	10,00	36,00		
14:12:51	14:12:58	00:00:07	7,14	25,71		
14:13:39	14:13:47	00:00:08	6,25	22,50		
14:14:17	14:14:23	00:00:06	8,33	30,00		
14:14:32	14:14:40	00:00:08	6,25	22,50		
14:15:05	14:15:13	00:00:08	6,25	22,50	31,77	7,89
14:16:03	14:16:10	00:00:07	7,14	25,71		
14:17:00	14:17:05	00:00:05	10,00	36,00		
14:18:04	14:18:09	00:00:05	10,00	36,00		
14:18:57	14:19:02	00:00:05	10,00	36,00		
14:19:17	14:19:23	00:00:06	8,33	30,00		
14:19:42	14:19:47	00:00:05	10,00	36,00		
14:21:21	14:21:27	00:00:06	8,33	30,00		
14:21:59	14:22:14	00:00:15	3,33	12,00		
14:22:40	14:22:45	00:00:05	10,00	36,00		
14:23:16	14:23:21	00:00:05	10,00	36,00		
14:25:49	14:25:53	00:00:04	12,50	45,00		
14:30:15	14:30:21	00:00:06	8,33	30,00	33,06	8,20
14:31:36	14:31:40	00:00:04	12,50	45,00		
14:31:58	14:32:03	00:00:05	10,00	36,00		
14:32:13	14:32:19	00:00:06	8,33	30,00		

14:33:03	14:33:07	00:00:04	12,50	45,00		
14:33:21	14:33:34	00:00:13	3,85	13,85		
14:33:46	14:33:53	00:00:07	7,14	25,71		
14:34:03	14:34:09	00:00:06	8,33	30,00		
14:34:19	14:34:23	00:00:04	12,50	45,00		
14:35:43	14:35:49	00:00:06	8,33	30,00		
14:45:25	14:45:29	00:00:04	12,50	45,00	41,02	10,53
14:46:47	14:46:52	00:00:05	10,00	36,00		
14:47:28	14:47:31	00:00:03	16,67	60,00		
14:47:49	14:47:57	00:00:08	6,25	22,50		
14:48:26	14:48:30	00:00:04	12,50	45,00		
14:48:46	14:48:51	00:00:05	10,00	36,00		
14:49:07	14:49:11	00:00:04	12,50	45,00		
14:49:24	14:49:31	00:00:07	7,14	25,71		
14:50:09	14:50:12	00:00:03	16,67	60,00		
14:50:24	14:50:28	00:00:04	12,50	45,00		
14:52:18	14:52:23	00:00:05	10,00	36,00		
14:54:48	14:54:53	00:00:05	10,00	36,00		
15:01:41	15:01:45	00:00:04	12,50	45,00	36,56	9,48
15:01:58	15:02:06	00:00:08	6,25	22,50		
15:02:00	15:02:05	00:00:05	10,00	36,00		
15:02:23	15:02:29	00:00:06	8,33	30,00		
15:02:57	15:03:02	00:00:05	10,00	36,00		
15:03:27	15:03:33	00:00:06	8,33	30,00		
15:03:59	15:04:06	00:00:07	7,14	25,71		
15:04:25	15:04:30	00:00:05	10,00	36,00		
15:05:16	15:05:19	00:00:03	16,67	60,00		
15:06:37	15:06:41	00:00:04	12,50	45,00		
15:07:28	15:07:33	00:00:05	10,00	36,00		
15:15:20	15:15:24	00:00:04	12,50	45,00	33,43	8,73
15:16:10	15:16:14	00:00:04	12,50	45,00		
15:17:06	15:17:12	00:00:06	8,33	30,00		
15:17:34	15:17:40	00:00:06	8,33	30,00		
15:18:05	15:18:10	00:00:05	10,00	36,00		
15:18:37	15:18:47	00:00:10	5,00	18,00		
15:19:05	15:19:12	00:00:07	7,14	25,71		
15:19:31	15:19:36	00:00:05	10,00	36,00		
15:19:59	15:20:04	00:00:05	10,00	36,00		
15:20:34	15:20:39	00:00:05	10,00	36,00		
15:21:34	15:21:40	00:00:06	8,33	30,00		
15:31:38	15:31:42	00:00:04	12,50	45,00	37,25	9,48
15:32:20	15:32:23	00:00:03	16,67	60,00		
15:32:36	15:32:40	00:00:04	12,50	45,00		
15:33:25	15:33:30	00:00:05	10,00	36,00		
15:34:26	15:34:30	00:00:04	12,50	45,00		
15:34:47	15:34:52	00:00:05	10,00	36,00		

15:35:12	15:35:17	00:00:05	10,00	36,00		
15:35:30	15:35:35	00:00:05	10,00	36,00		
15:40:08	15:40:16	00:00:08	6,25	22,50		
15:40:43	15:40:51	00:00:08	6,25	22,50		
15:43:59	15:44:06	00:00:07	7,14	25,71		
15:45:30	15:45:38	00:00:08	6,25	22,50	35,72	9,43
15:46:17	15:46:21	00:00:04	12,50	45,00		
15:46:34	15:46:38	00:00:04	12,50	45,00		
15:47:12	15:47:17	00:00:05	10,00	36,00		
15:47:30	15:47:35	00:00:05	10,00	36,00		
15:47:58	15:48:03	00:00:05	10,00	36,00		
15:48:35	15:48:39	00:00:04	12,50	45,00		
15:48:54	15:48:59	00:00:05	10,00	36,00		
15:49:20	15:49:26	00:00:06	8,33	30,00		
15:49:49	15:49:56	00:00:07	7,14	25,71		

: Sabtu / 2 September 2006

: Wahyu Adi

: Solo - Wonogiri

: HV

: 50 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata	Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)	(Vs)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam	m/detik
06:47:13	06:47:19	00:00:06	8,33	30,00	27,86	7,69
06:47:23	06:47:30	00:00:07	7,14	25,71		

: Sabtu / 2 September 2006

: Ian dan Irwan

: Wonogiri - Solo

: Sepeda motor (MC)

: 50 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata	Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)	(Vs)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam	m/detik
06:05:02	06:05:09	00:00:07	7,14	25,71	44,80	11,21
06:05:18	06:05:24	00:00:06	8,33	30,00		
06:05:22	06:05:26	00:00:04	12,50	45,00		
06:05:28	06:05:31	00:00:03	16,67	60,00		
06:06:01	06:06:04	00:00:03	16,67	60,00		
06:06:21	06:06:25	00:00:04	12,50	45,00		
06:07:01	06:07:05	00:00:04	12,50	45,00		
06:07:07	06:07:10	00:00:03	16,67	60,00		
06:07:11	06:07:14	00:00:03	16,67	60,00		

06:07:16	06:07:21	00:00:05	10,00	36,00		
06:07:39	06:07:46	00:00:07	7,14	25,71		
06:07:59	06:08:05	00:00:06	8,33	30,00		
06:08:36	06:08:39	00:00:03	16,67	60,00		
06:15:17	06:15:23	00:00:06	8,33	30,00	27,61	7,45
06:15:36	06:15:43	00:00:07	7,14	25,71		
06:15:59	06:16:06	00:00:07	7,14	25,71		
06:16:51	06:16:57	00:00:06	8,33	30,00		
06:17:08	06:17:16	00:00:08	6,25	22,50		
06:17:34	06:17:42	00:00:08	6,25	22,50		
06:18:01	06:18:06	00:00:05	10,00	36,00		
06:18:46	06:18:53	00:00:07	7,14	25,71		
06:19:04	06:19:11	00:00:07	7,14	25,71		
06:19:23	06:19:28	00:00:05	10,00	36,00		
06:20:19	06:20:27	00:00:08	6,25	22,50		
06:20:33	06:20:38	00:00:05	10,00	36,00		
06:20:45	06:20:52	00:00:07	7,14	25,71		
06:23:14	06:23:22	00:00:08	6,25	22,50		
06:30:06	06:30:09	00:00:03	16,67	60,00	26,36	8,18
06:30:21	06:30:25	00:00:04	12,50	45,00		
06:30:28	06:30:33	00:00:05	10,00	36,00		
06:31:47	06:31:56	00:00:09	5,56	20,00		
06:32:04	06:32:13	00:00:09	5,56	20,00		
06:32:19	06:32:28	00:00:09	5,56	20,00		
06:33:08	06:33:17	00:00:09	5,56	20,00		
06:33:28	06:33:37	00:00:09	5,56	20,00		
06:33:43	06:33:51	00:00:08	6,25	22,50		
06:34:23	06:34:29	00:00:06	8,33	30,00		
06:34:36	06:34:40	00:00:04	12,50	45,00		
06:34:46	06:34:52	00:00:06	8,33	30,00		
06:35:02	06:35:11	00:00:09	5,56	20,00		
06:35:16	06:35:21	00:00:05	10,00	36,00		
06:35:39	06:35:45	00:00:06	8,33	30,00		
06:35:55	06:36:04	00:00:09	5,56	20,00		
06:45:02	06:45:12	00:00:10	5,00	18,00	24,43	5,96
06:45:22	06:45:32	00:00:10	5,00	18,00		
06:45:41	06:45:48	00:00:07	7,14	25,71		
06:45:55	06:46:03	00:00:08	6,25	22,50		
06:46:09	06:46:16	00:00:07	7,14	25,71		
06:46:24	06:46:31	00:00:07	7,14	25,71		
06:47:43	06:47:48	00:00:05	10,00	36,00		
06:47:54	06:48:00	00:00:06	8,33	30,00		
06:48:14	06:48:28	00:00:14	3,57	12,86		
06:48:41	06:48:48	00:00:07	7,14	25,71		
06:48:54	06:48:59	00:00:05	10,00	36,00		
06:49:16	06:49:21	00:00:05	10,00	36,00		
06:49:40	06:49:49	00:00:09	5,56	20,00		

06:50:36	06:50:41	00:00:05	10,00	36,00		
06:51:12	06:51:28	00:00:16	3,13	11,25		
06:51:43	06:51:58	00:00:15	3,33	12,00		
06:52:05	06:52:12	00:00:07	7,14	25,71		
06:52:45	06:52:53	00:00:08	6,25	22,50		
07:01:25	07:01:33	00:00:08	6,25	22,50	27,93	7,35
07:01:51	07:01:59	00:00:08	6,25	22,50		
07:02:08	07:02:13	00:00:05	10,00	36,00		
07:02:52	07:02:57	00:00:05	10,00	36,00		
07:03:03	07:03:11	00:00:08	6,25	22,50		
07:03:21	07:03:27	00:00:06	8,33	30,00		
07:03:42	07:03:49	00:00:07	7,14	25,71		
07:03:57	07:04:04	00:00:07	7,14	25,71		
07:04:18	07:04:24	00:00:06	8,33	30,00		
07:04:33	07:04:43	00:00:10	5,00	18,00		
07:05:01	07:05:06	00:00:05	10,00	36,00		
07:05:17	07:05:23	00:00:06	8,33	30,00		
07:05:27	07:05:33	00:00:06	8,33	30,00		
07:05:42	07:05:52	00:00:10	5,00	18,00		
07:06:22	07:06:27	00:00:05	10,00	36,00		
07:15:22	07:15:29	00:00:07	7,14	25,71	24,86	6,50
07:15:44	07:15:55	00:00:11	4,55	16,36		
07:16:08	07:16:16	00:00:08	6,25	22,50		
07:16:27	07:16:32	00:00:05	10,00	36,00		
07:16:40	07:16:47	00:00:07	7,14	25,71		
07:16:58	07:17:08	00:00:10	5,00	18,00		
07:17:28	07:17:34	00:00:06	8,33	30,00		
07:18:26	07:18:34	00:00:08	6,25	22,50		
07:19:28	07:19:40	00:00:12	4,17	15,00		
07:20:36	07:20:43	00:00:07	7,14	25,71		
07:20:52	07:20:59	00:00:07	7,14	25,71		
07:21:13	07:21:19	00:00:06	8,33	30,00		
07:22:29	07:22:35	00:00:06	8,33	30,00		
07:31:53	07:31:59	00:00:06	8,33	30,00	28,40	6,93
07:32:11	07:32:15	00:00:04	12,50	45,00		
07:32:26	07:32:34	00:00:08	6,25	22,50		
07:32:43	07:32:49	00:00:06	8,33	30,00		
07:33:10	07:33:21	00:00:11	4,55	16,36		
07:33:30	07:33:35	00:00:05	10,00	36,00		
07:33:44	07:33:50	00:00:06	8,33	30,00		
07:34:08	07:34:15	00:00:07	7,14	25,71		
07:35:09	07:35:14	00:00:05	10,00	36,00		
07:35:24	07:35:39	00:00:15	3,33	12,00		
07:35:44	07:35:51	00:00:07	7,14	25,71		
07:36:19	07:36:30	00:00:11	4,55	16,36		
07:36:40	07:36:45	00:00:05	10,00	36,00		
07:37:03	07:37:08	00:00:05	10,00	36,00		

07:47:34	07:47:38	00:00:04	12,50	45,00	35,99	9,21
07:48:40	07:48:47	00:00:07	7,14	25,71		
07:49:06	07:49:11	00:00:05	10,00	36,00		
07:49:18	07:49:23	00:00:05	10,00	36,00		
07:49:30	07:49:36	00:00:06	8,33	30,00		
07:49:43	07:49:48	00:00:05	10,00	36,00		
07:49:52	07:49:59	00:00:07	7,14	25,71		
07:50:20	07:50:23	00:00:03	16,67	60,00		
07:50:37	07:50:43	00:00:06	8,33	30,00		
07:50:53	07:50:57	00:00:04	12,50	45,00		
07:51:11	07:51:16	00:00:05	10,00	36,00		
07:51:52	07:51:56	00:00:04	12,50	45,00		
07:52:14	07:52:21	00:00:07	7,14	25,71		
07:52:25	07:52:28	00:00:03	16,67	60,00		
07:52:33	07:52:40	00:00:07	7,14	25,71		
07:53:02	07:53:08	00:00:06	8,33	30,00		
07:53:17	07:53:25	00:00:08	6,25	22,50		
07:54:00	07:54:04	00:00:04	12,50	45,00		
07:54:08	07:54:12	00:00:04	12,50	45,00		
07:54:18	07:54:25	00:00:07	7,14	25,71		
07:54:40	07:54:47	00:00:07	7,14	25,71		
08:00:55	08:01:00	00:00:05	10,00	36,00	37,71	10,14
08:01:07	08:01:14	00:00:07	7,14	25,71		
08:01:37	08:01:42	00:00:05	10,00	36,00		
08:01:50	08:01:54	00:00:04	12,50	45,00		
08:02:00	08:02:04	00:00:04	12,50	45,00		
08:02:08	08:02:12	00:00:04	12,50	45,00		
08:02:20	08:02:24	00:00:04	12,50	45,00		
08:02:28	08:02:34	00:00:06	8,33	30,00		
08:02:40	08:02:46	00:00:06	8,33	30,00		
08:03:13	08:03:17	00:00:04	12,50	45,00		
08:03:41	08:03:45	00:00:04	12,50	45,00		
08:03:51	08:03:57	00:00:06	8,33	30,00		
08:04:07	08:04:12	00:00:05	10,00	36,00		
08:04:19	08:04:24	00:00:05	10,00	36,00		
08:04:34	08:04:39	00:00:05	10,00	36,00		
08:16:13	08:16:20	00:00:07	7,14	25,71	32,56	8,52
08:16:35	08:16:40	00:00:05	10,00	36,00		
08:16:44	08:16:50	00:00:06	8,33	30,00		
08:16:57	08:17:02	00:00:05	10,00	36,00		
08:17:06	08:17:11	00:00:05	10,00	36,00		
08:17:24	08:17:29	00:00:05	10,00	36,00		
08:18:11	08:18:21	00:00:10	5,00	18,00		
08:18:24	08:18:33	00:00:09	5,56	20,00		
08:18:39	08:18:46	00:00:07	7,14	25,71		
08:19:28	08:19:33	00:00:05	10,00	36,00		
08:19:50	08:19:55	00:00:05	10,00	36,00		

08:20:02	08:20:07	00:00:05	10,00	36,00		
08:20:13	08:20:17	00:00:04	12,50	45,00		
08:20:23	08:20:28	00:00:05	10,00	36,00		
08:20:31	08:20:36	00:00:05	10,00	36,00		
08:30:22	08:30:26	00:00:04	12,50	45,00	36,38	9,09
08:30:45	08:30:50	00:00:05	10,00	36,00		
08:31:05	08:31:10	00:00:05	10,00	36,00		
08:31:32	08:31:38	00:00:06	8,33	30,00		
08:32:08	08:32:12	00:00:04	12,50	45,00		
08:32:16	08:32:22	00:00:06	8,33	30,00		
08:32:26	08:32:32	00:00:06	8,33	30,00		
08:32:36	08:32:39	00:00:03	16,67	60,00		
08:32:48	08:32:52	00:00:04	12,50	45,00		
08:32:57	08:33:07	00:00:10	5,00	18,00		
08:33:20	08:33:25	00:00:05	10,00	36,00		
08:33:42	08:33:45	00:00:03	16,67	60,00		
08:33:54	08:34:00	00:00:06	8,33	30,00		
08:34:12	08:34:17	00:00:05	10,00	36,00		
08:34:22	08:34:27	00:00:05	6,25	22,50		
08:34:33	08:34:41	00:00:08	6,25	22,50		
08:46:25	08:46:31	00:00:06	8,33	30,00	33,39	8,95
08:46:45	08:46:50	00:00:05	10,00	36,00		
08:47:05	08:47:12	00:00:07	7,14	25,71		
08:47:40	08:47:47	00:00:07	7,14	25,71		
08:47:55	08:48:00	00:00:05	10,00	36,00		
08:48:08	08:48:14	00:00:06	8,33	30,00		
08:48:20	08:48:24	00:00:04	12,50	45,00		
08:48:27	08:48:32	00:00:05	10,00	36,00		
08:48:40	08:48:46	00:00:06	8,33	30,00		
08:49:35	08:49:40	00:00:05	10,00	36,00		
08:49:47	08:49:55	00:00:08	6,25	22,50		
08:49:58	08:50:03	00:00:05	10,00	36,00		
08:50:13	08:50:20	00:00:07	7,14	25,71		
08:50:56	08:51:01	00:00:05	10,00	36,00		
08:51:09	08:51:13	00:00:04	12,50	45,00		
08:51:17	08:51:22	00:00:05	10,00	36,00		
08:51:24	08:51:29	00:00:05	10,00	36,00		
09:01:38	09:01:42	00:00:04	12,50	45,00	37,90	10,00
09:01:53	09:01:58	00:00:05	10,00	36,00		
09:02:00	09:02:05	00:00:05	10,00	36,00		
09:02:12	09:02:17	00:00:05	10,00	36,00		
09:02:22	09:02:28	00:00:06	8,33	30,00		
09:02:30	09:02:34	00:00:04	12,50	45,00		
09:03:20	09:03:25	00:00:05	10,00	36,00		
09:03:37	09:03:40	00:00:03	16,67	60,00		
09:03:46	09:03:50	00:00:04	12,50	45,00		
09:06:53	09:06:59	00:00:06	8,33	30,00		

09:07:05	09:07:10	00:00:05	10,00	36,00		
09:07:15	09:07:19	00:00:04	12,50	45,00		
09:07:29	09:07:34	00:00:05	10,00	36,00		
09:08:00	09:08:08	00:00:08	6,25	22,50		
09:08:41	09:08:47	00:00:06	8,33	30,00		
09:16:09	09:16:13	00:00:04	12,50	45,00	34,87	9,18
09:16:24	09:16:30	00:00:06	8,33	30,00		
09:16:38	09:16:44	00:00:06	8,33	30,00		
09:16:47	09:16:51	00:00:04	12,50	45,00		
09:16:56	09:17:01	00:00:05	10,00	36,00		
09:17:30	09:17:35	00:00:05	10,00	36,00		
09:17:44	09:17:50	00:00:06	8,33	30,00		
09:18:00	09:18:05	00:00:05	10,00	36,00		
09:18:09	09:18:14	00:00:05	10,00	36,00		
09:19:15	09:19:18	00:00:03	16,67	60,00		
09:19:25	09:19:30	00:00:05	10,00	36,00		
09:19:41	09:19:47	00:00:06	8,33	30,00		
09:19:55	09:20:00	00:00:05	10,00	36,00		
09:20:15	09:20:22	00:00:07	7,14	25,71		
09:20:31	09:20:37	00:00:06	8,33	30,00		
09:20:54	09:21:00	00:00:06	8,33	30,00		
09:21:14	09:21:23	00:00:09	5,56	20,00		
09:21:31	09:21:36	00:00:05	10,00	36,00		
09:30:40	09:30:45	00:00:05	10,00	36,00	32,77	8,11
09:30:47	09:30:56	00:00:09	5,56	20,00		
09:31:09	09:31:16	00:00:07	7,14	25,71		
09:32:00	09:32:07	00:00:07	7,14	25,71		
09:32:09	09:32:13	00:00:04	12,50	45,00		
09:32:15	09:32:19	00:00:04	12,50	45,00		
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09:32:30	09:32:36	00:00:06	8,33	30,00		
09:32:57	09:33:03	00:00:06	8,33	30,00		
09:33:35	09:33:40	00:00:05	10,00	36,00		
09:33:48	09:33:51	00:00:03	16,67	60,00		
09:33:54	09:34:00	00:00:06	8,33	30,00		
09:34:15	09:34:21	00:00:06	8,33	30,00		
09:34:25	09:34:30	00:00:05	10,00	36,00		
09:34:36	09:34:42	00:00:06	8,33	30,00		
09:34:44	09:34:50	00:00:06	8,33	30,00		
09:34:52	09:35:06	00:00:14	3,57	12,86		
09:35:14	09:35:22	00:00:08	6,25	22,50		
09:45:02	09:45:08	00:00:06	8,33	30,00	33,19	8,95
09:45:33	09:45:37	00:00:04	12,50	45,00		
09:45:50	09:45:55	00:00:05	10,00	36,00		
09:46:08	09:46:13	00:00:05	10,00	36,00		
09:46:25	09:46:31	00:00:06	8,33	30,00		
09:46:49	09:46:55	00:00:06	8,33	30,00		

09:47:04	09:47:09	00:00:05	10,00	36,00		
09:47:22	09:47:28	00:00:06	8,33	30,00		
09:47:43	09:47:47	00:00:04	12,50	45,00		
09:47:53	09:47:59	00:00:06	8,33	30,00		
09:48:07	09:48:14	00:00:07	7,14	25,71		
09:48:20	09:48:26	00:00:06	8,33	30,00		
09:48:54	09:48:59	00:00:05	10,00	36,00		
09:49:08	09:49:14	00:00:06	8,33	30,00		
09:49:19	09:49:27	00:00:08	6,25	22,50		
09:49:43	09:49:48	00:00:05	10,00	36,00		
09:50:10	09:50:15	00:00:05	10,00	36,00		
14:05:31	14:05:38	00:00:07	7,14	25,71	30,04	7,97
14:05:52	14:05:58	00:00:06	8,33	30,00		
14:06:44	14:06:54	00:00:10	5,00	18,00		
14:07:05	14:07:12	00:00:07	7,14	25,71		
14:07:20	14:07:26	00:00:06	8,33	30,00		
14:07:41	14:07:45	00:00:04	12,50	45,00		
14:08:06	14:08:11	00:00:05	10,00	36,00		
14:08:35	14:08:41	00:00:06	8,33	30,00		
14:09:19	14:09:25	00:00:06	8,33	30,00		
14:09:40	14:09:46	00:00:06	8,33	30,00		
14:10:08	14:10:14	00:00:06	8,33	30,00		
14:15:20	14:15:26	00:00:06	8,33	30,00	36,41	9,49
14:15:35	14:15:41	00:00:06	8,33	30,00		
14:16:01	14:16:05	00:00:04	12,50	45,00		
14:16:40	14:16:45	00:00:05	10,00	36,00		
14:16:50	14:16:53	00:00:03	16,67	60,00		
14:17:08	14:17:16	00:00:08	6,25	22,50		
14:17:34	14:17:39	00:00:05	10,00	36,00		
14:17:51	14:17:55	00:00:04	12,50	45,00		
14:18:14	14:18:19	00:00:05	10,00	36,00		
14:18:33	14:18:39	00:00:06	8,33	30,00		
14:18:51	14:18:58	00:00:07	7,14	25,71		
14:18:56	14:19:02	00:00:06	8,33	30,00		
14:19:14	14:19:18	00:00:04	12,50	45,00		
14:20:35	14:20:39	00:00:04	12,50	45,00		
14:21:18	14:21:24	00:00:06	8,33	30,00		
14:30:08	14:30:13	00:00:05	10,00	36,00	33,95	8,51
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14:31:35	14:31:39	00:00:04	12,50	45,00		
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14:32:10	14:32:15	00:00:05	10,00	36,00		
14:32:46	14:32:52	00:00:06	8,33	30,00		
14:33:00	14:33:04	00:00:04	12,50	45,00		

14:33:14	14:33:18	00:00:04	12,50	45,00		
14:33:24	14:33:29	00:00:05	10,00	36,00		
14:33:47	14:33:54	00:00:07	7,14	25,71		
14:34:11	14:34:16	00:00:05	10,00	36,00		
14:34:45	14:34:49	00:00:04	12,50	45,00		
14:34:58	14:35:06	00:00:08	6,25	22,50		
14:35:26	14:35:30	00:00:04	12,50	45,00		
14:45:12	14:45:17	00:00:05	10,00	36,00	40,11	10,71
14:45:52	14:45:57	00:00:05	10,00	36,00		
14:46:01	14:46:08	00:00:07	7,14	25,71		
14:46:19	14:46:25	00:00:06	8,33	30,00		
14:46:45	14:46:49	00:00:04	12,50	45,00		
14:47:16	14:47:20	00:00:04	12,50	45,00		
14:47:43	14:47:47	00:00:04	12,50	45,00		
14:47:58	14:48:01	00:00:03	16,67	60,00		
14:49:01	14:49:06	00:00:05	10,00	36,00		
14:49:15	14:49:19	00:00:04	12,50	45,00		
14:49:46	14:49:51	00:00:05	10,00	36,00		
14:49:50	14:49:55	00:00:05	10,00	36,00		
14:50:03	14:50:08	00:00:05	10,00	36,00		
14:51:01	14:51:05	00:00:04	12,50	45,00		
14:51:57	14:52:01	00:00:04	12,50	45,00		
15:00:44	15:00:48	00:00:04	12,50	45,00	35,71	9,18
15:00:58	15:01:03	00:00:05	10,00	36,00		
15:01:15	15:01:20	00:00:05	10,00	36,00		
15:01:56	15:02:00	00:00:04	12,50	45,00		
15:02:15	15:02:22	00:00:07	7,14	25,71		
15:02:28	15:02:35	00:00:07	7,14	25,71		
15:02:41	15:02:46	00:00:05	10,00	36,00		
15:02:54	15:02:58	00:00:04	12,50	45,00		
15:03:44	15:03:52	00:00:08	6,25	22,50		
15:04:03	15:04:09	00:00:06	8,33	30,00		
15:04:15	15:04:19	00:00:04	12,50	45,00		
15:05:20	15:05:27	00:00:07	7,14	25,71		
15:05:37	15:05:41	00:00:04	12,50	45,00		
15:05:45	15:05:50	00:00:05	10,00	36,00		
15:05:58	15:06:05	00:00:07	7,14	25,71		
15:06:27	15:06:32	00:00:05	10,00	36,00		
15:06:44	15:06:47	00:00:03	16,67	60,00		
15:07:01	15:07:09	00:00:08	6,25	22,50		
15:15:12	15:15:18	00:00:06	8,33	30,00	33,74	8,78
15:15:22	15:15:26	00:00:04	12,50	45,00		
15:15:37	15:15:41	00:00:04	12,50	45,00		
15:15:46	15:15:50	00:00:04	12,50	45,00		
15:16:43	15:16:49	00:00:06	8,33	30,00		
15:16:53	15:16:59	00:00:06	8,33	30,00		
15:17:33	15:17:39	00:00:06	8,33	30,00		

15:18:06	15:18:11	00:00:05	10,00	36,00		
15:18:30	15:18:36	00:00:06	8,33	30,00		
15:19:02	15:19:07	00:00:05	10,00	36,00		
15:19:43	15:19:48	00:00:05	10,00	36,00		
15:20:09	15:20:15	00:00:06	8,33	30,00		
15:20:23	15:20:27	00:00:04	12,50	45,00		
15:20:32	15:20:38	00:00:06	8,33	30,00		
15:21:06	15:21:11	00:00:05	10,00	36,00		
15:21:29	15:21:34	00:00:05	10,00	36,00		
15:21:45	15:21:49	00:00:04	12,50	45,00		
15:21:55	15:22:04	00:00:09	5,56	20,00		
15:22:14	15:22:20	00:00:06	8,33	30,00		
15:22:32	15:22:38	00:00:06	8,33	30,00		
15:23:26	15:23:32	00:00:06	8,33	30,00		
15:23:32	15:23:44	00:00:12	4,17	15,00		
15:23:54	15:23:59	00:00:05	10,00	36,00		
15:30:10	15:30:15	00:00:05	10,00	36,00	35,75	9,09
15:30:31	15:30:37	00:00:06	8,33	30,00		
15:30:47	15:30:52	00:00:05	10,00	36,00		
15:30:57	15:31:03	00:00:06	8,33	30,00		
15:31:39	15:31:44	00:00:05	10,00	36,00		
15:31:47	15:31:50	00:00:03	16,67	60,00		
15:31:56	15:32:00	00:00:04	12,50	45,00		
15:32:20	15:32:25	00:00:05	10,00	36,00		
15:32:39	15:32:47	00:00:08	6,25	22,50		
15:33:37	15:33:42	00:00:05	10,00	36,00		
15:34:07	15:34:14	00:00:07	7,14	25,71		
15:34:31	15:34:38	00:00:07	7,14	25,71		
15:34:52	15:34:57	00:00:05	10,00	36,00		
15:35:11	15:35:16	00:00:05	10,00	36,00		
15:35:23	15:35:26	00:00:03	16,67	60,00		
15:35:39	15:35:45	00:00:06	8,33	30,00		
15:36:27	15:36:31	00:00:04	12,50	45,00		
15:36:35	15:36:45	00:00:10	5,00	18,00		
15:36:51	15:36:55	00:00:04	12,50	45,00		
15:37:04	15:37:10	00:00:06	8,33	30,00		
15:38:25	15:38:33	00:00:08	6,25	22,50		
15:38:37	15:38:41	00:00:04	12,50	45,00		
15:45:41	15:45:47	00:00:06	8,33	30,00	39,34	9,92
15:46:27	15:46:34	00:00:07	7,14	25,71		
15:46:51	15:46:56	00:00:05	10,00	36,00		
15:47:19	15:47:26	00:00:07	7,14	25,71		
15:47:47	15:47:55	00:00:08	6,25	22,50		
15:48:17	15:48:22	00:00:05	10,00	36,00		
15:48:32	15:48:36	00:00:04	12,50	45,00		
15:48:41	15:48:44	00:00:03	16,67	60,00		
15:48:47	15:48:50	00:00:03	16,67	60,00		
15:49:11	15:49:15	00:00:04	12,50	45,00		

15:49:53	15:49:58	00:00:05	10,00	36,00		
15:50:03	15:50:06	00:00:03	16,67	60,00		
15:50:13	15:50:16	00:00:03	16,67	60,00		
15:50:21	15:50:26	00:00:05	10,00	36,00		
15:50:28	15:50:33	00:00:05	10,00	36,00		
15:50:36	15:50:40	00:00:04	12,50	45,00		
15:50:43	15:50:48	00:00:05	10,00	36,00		
15:51:08	15:51:14	00:00:06	6,25	22,50		
15:51:20	15:51:24	00:00:04	12,50	45,00		
15:51:30	15:51:34	00:00:04	12,50	45,00		
15:52:00	15:52:05	00:00:05	10,00	36,00		
15:52:17	15:52:23	00:00:06	8,33	30,00		
15:52:27	15:52:31	00:00:04	12,50	45,00		
15:52:47	15:52:56	00:00:09	5,56	20,00		
15:53:01	15:53:05	00:00:04	12,50	45,00		

: Sabtu / 2 September 2006

: Yudi

: Solo - Wonogiri

: Sepeda motor (MC)

: 50 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata	Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)	(Vs)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam	m/detik
06:04:12	06:04:20	00:00:08	6,25	22,50	32,32	8,33
06:05:23	06:05:28	00:00:05	10,00	36,00		
06:05:50	06:05:58	00:00:08	6,25	22,50		
06:06:19	06:06:24	00:00:05	10,00	36,00		
06:06:46	06:06:51	00:00:05	10,00	36,00		
06:07:31	06:07:36	00:00:05	10,00	36,00		
06:08:02	06:08:05	00:00:03	16,67	60,00		
06:08:23	06:08:29	00:00:06	8,33	30,00		
06:08:43	06:08:50	00:00:07	7,14	25,71		
06:09:21	06:09:28	00:00:07	7,14	25,71		
06:10:06	06:10:13	00:00:07	7,14	25,71		
06:10:26	06:10:32	00:00:06	8,33	30,00		
06:11:06	06:11:12	00:00:06	8,33	30,00		
06:11:48	06:11:53	00:00:05	10,00	36,00		
06:12:18	06:12:22	00:00:04	12,50	45,00		
06:13:07	06:13:16	00:00:09	5,56	20,00		
06:15:36	06:15:43	00:00:07	7,14	25,71	28,41	7,73
06:16:17	06:16:23	00:00:06	8,33	30,00		
06:17:46	06:17:53	00:00:07	7,14	25,71		
06:18:25	06:18:30	00:00:05	10,00	36,00		
06:20:06	06:20:11	00:00:05	10,00	36,00		
06:21:03	06:21:10	00:00:07	7,14	25,71		
06:21:46	06:21:53	00:00:07	7,14	25,71		

06:22:43	06:22:51	00:00:08	6,25	22,50		
06:24:02	06:24:07	00:00:05	10,00	36,00		
06:25:28	06:25:35	00:00:07	7,14	25,71		
06:26:10	06:26:17	00:00:07	7,14	25,71		
06:27:06	06:27:12	00:00:06	8,33	30,00		
06:27:46	06:27:53	00:00:07	7,14	25,71		
06:28:20	06:28:26	00:00:06	8,33	30,00		
06:29:23	06:29:30	00:00:07	7,14	25,71		
06:31:24	06:31:30	00:00:06	8,33	30,00	26,05	6,20
06:31:51	06:31:56	00:00:05	10,00	36,00		
06:32:20	06:32:26	00:00:06	8,33	30,00		
06:32:43	06:32:48	00:00:05	10,00	36,00		
06:33:47	06:33:56	00:00:09	5,56	20,00		
06:34:34	06:34:43	00:00:09	5,56	20,00		
06:35:12	06:35:21	00:00:09	5,56	20,00		
06:35:53	06:35:59	00:00:06	8,33	30,00		
06:36:42	06:37:01	00:00:19	2,63	9,47		
06:37:42	06:37:49	00:00:07	7,14	25,71		
06:38:11	06:38:17	00:00:06	8,33	30,00		
06:38:41	06:38:48	00:00:07	7,14	25,71		
06:39:15	06:39:19	00:00:04	12,50	45,00		
06:40:07	06:40:16	00:00:09	5,56	20,00		
06:41:14	06:41:28	00:00:14	3,57	12,86		
06:45:50	06:45:55	00:00:05	10,00	36,00	25,46	6,61
06:47:05	06:47:12	00:00:07	7,14	25,71		
06:47:24	06:47:32	00:00:08	6,25	22,50		
06:47:48	06:47:58	00:00:10	5,00	18,00		
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07:02:43	07:02:47	00:00:04	12,50	45,00		
07:03:12	07:03:17	00:00:05	10,00	36,00		
07:03:30	07:03:36	00:00:06	8,33	30,00		
07:04:24	07:04:29	00:00:05	10,00	36,00		

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07:08:33	07:08:39	00:00:06	8,33	30,00		
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07:11:38	07:11:42	00:00:04	12,50	45,00		
07:12:04	07:12:11	00:00:07	7,14	25,71		
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07:16:37	07:16:44	00:00:07	7,14	25,71		
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14:16:51	14:16:56	00:00:05	10,00	36,00		
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14:17:17	14:17:24	00:00:07	7,14	25,71		
14:17:30	14:17:33	00:00:03	16,67	60,00		
14:17:46	14:17:50	00:00:04	12,50	45,00		
14:17:57	14:18:01	00:00:04	12,50	45,00		
14:18:19	14:18:26	00:00:07	7,14	25,71		
14:18:35	14:18:42	00:00:07	7,14	25,71		
14:18:53	14:19:00	00:00:07	7,14	25,71		
14:19:19	14:19:23	00:00:04	12,50	45,00		
14:19:28	14:19:33	00:00:05	10,00	36,00		
14:20:41	14:20:46	00:00:05	10,00	36,00		
14:33:05	14:33:10	00:00:05	10,00	36,00	31,37	8,04
14:33:46	14:33:51	00:00:05	10,00	36,00		
14:34:07	14:34:14	00:00:07	7,14	25,71		
14:34:28	14:34:34	00:00:06	8,33	30,00		
14:34:46	14:34:52	00:00:06	8,33	30,00		
14:35:22	14:35:27	00:00:05	10,00	36,00		
14:35:42	14:35:51	00:00:09	5,56	20,00		
14:36:12	14:36:20	00:00:08	6,25	22,50		
14:36:30	14:36:41	00:00:11	4,55	16,36		
14:36:48	14:36:58	00:00:10	5,00	18,00		
14:37:24	14:37:29	00:00:05	10,00	36,00		
14:37:47	14:37:51	00:00:04	12,50	45,00		
14:38:02	14:38:07	00:00:05	10,00	36,00		
14:38:24	14:38:30	00:00:06	8,33	30,00		
14:38:37	14:38:43	00:00:06	8,33	30,00		
14:38:50	14:38:55	00:00:05	10,00	36,00		
14:39:02	14:39:06	00:00:04	12,50	45,00		
14:39:18	14:39:23	00:00:05	10,00	36,00		

14:45:28	14:45:32	00:00:04	12,50	45,00	35,54	9,20
14:45:50	14:45:55	00:00:05	10,00	36,00		
14:46:06	14:46:12	00:00:06	8,33	30,00		
14:46:26	14:46:31	00:00:05	10,00	36,00		
14:46:37	14:46:41	00:00:04	12,50	45,00		
14:46:48	14:46:54	00:00:06	8,33	30,00		
14:47:12	14:47:16	00:00:04	12,50	45,00		
14:47:27	14:47:34	00:00:07	7,14	25,71		
14:47:45	14:47:53	00:00:08	6,25	22,50		
14:48:01	14:48:07	00:00:06	8,33	30,00		
14:48:23	14:48:28	00:00:05	10,00	36,00		
14:48:38	14:48:41	00:00:03	16,67	60,00		
14:48:52	14:48:58	00:00:06	8,33	30,00		
14:50:04	14:50:08	00:00:04	12,50	45,00		
14:50:43	14:50:49	00:00:06	8,33	30,00		
14:51:02	14:51:10	00:00:08	6,25	22,50		
15:00:38	15:00:44	00:00:06	8,33	30,00	34,87	9,09
15:01:04	15:01:11	00:00:07	7,14	25,71		
15:01:26	15:01:30	00:00:04	12,50	45,00		
15:01:42	15:01:47	00:00:05	10,00	36,00		
15:02:07	15:02:11	00:00:04	12,50	45,00		
15:02:29	15:02:35	00:00:06	8,33	30,00		
15:03:11	15:03:20	00:00:09	5,56	20,00		
15:03:32	15:03:37	00:00:05	10,00	36,00		
15:04:00	15:04:05	00:00:05	10,00	36,00		
15:04:35	15:04:39	00:00:04	12,50	45,00		
15:16:56	15:17:01	00:00:05	10,00	36,00	33,12	8,53
15:17:17	15:17:23	00:00:06	8,33	30,00		
15:17:35	15:17:41	00:00:06	8,33	30,00		
15:17:48	15:17:54	00:00:06	8,33	30,00		
15:18:12	15:18:17	00:00:05	10,00	36,00		
15:18:31	15:18:38	00:00:07	7,14	25,71		
15:18:45	15:18:54	00:00:09	5,56	20,00		
15:19:11	15:19:17	00:00:06	8,33	30,00		
15:19:29	15:19:34	00:00:05	10,00	36,00		
15:19:56	15:20:02	00:00:06	8,33	30,00		
15:20:29	15:20:37	00:00:08	6,25	22,50		
15:20:50	15:20:56	00:00:06	8,33	30,00		
15:21:15	15:21:22	00:00:07	7,14	25,71		
15:21:27	15:21:31	00:00:04	12,50	45,00		
15:21:32	15:21:42	00:00:10	5,00	18,00		
15:21:52	15:21:57	00:00:05	10,00	36,00		
15:22:07	15:22:12	00:00:05	10,00	36,00		
15:22:31	15:22:35	00:00:04	12,50	45,00		
15:22:45	15:22:50	00:00:05	10,00	36,00		
15:23:02	15:23:09	00:00:07	7,14	25,71		
15:23:23	15:23:27	00:00:04	12,50	45,00		
15:23:35	15:23:38	00:00:03	16,67	60,00		

15:31:24	15:31:29	00:00:05	10,00	36,00	37,17	10,00
15:31:39	15:31:43	00:00:04	12,50	45,00		
15:32:02	15:32:07	00:00:05	10,00	36,00		
15:32:16	15:32:22	00:00:06	8,33	30,00		
15:32:29	15:32:33	00:00:04	12,50	45,00		
15:32:54	15:32:58	00:00:04	12,50	45,00		
15:33:19	15:33:24	00:00:05	10,00	36,00		
15:33:38	15:33:45	00:00:07	7,14	25,71		
15:34:10	15:34:14	00:00:04	12,50	45,00		
15:34:22	15:34:28	00:00:06	8,33	30,00		
15:34:34	15:34:39	00:00:05	10,00	36,00		
15:34:49	15:34:53	00:00:04	12,50	45,00		
15:35:05	15:35:09	00:00:04	12,50	45,00		
15:35:23	15:35:29	00:00:06	8,33	30,00		
15:35:44	15:35:49	00:00:05	10,00	36,00		
15:36:00	15:36:05	00:00:05	10,00	36,00		
15:36:19	15:36:24	00:00:05	10,00	36,00		
15:36:33	15:36:37	00:00:04	12,50	45,00		
15:36:46	15:36:52	00:00:06	8,33	30,00		
15:37:17	15:37:23	00:00:06	8,33	30,00		
15:37:37	15:37:43	00:00:06	8,33	30,00		
15:37:55	15:37:59	00:00:04	12,50	45,00		
15:45:24	15:45:30	00:00:06	8,33	30,00	36,20	9,66
15:46:19	15:46:24	00:00:05	10,00	36,00		
15:46:45	15:46:50	00:00:05	10,00	36,00		
15:47:14	15:47:19	00:00:05	10,00	36,00		
15:47:31	15:47:38	00:00:07	7,14	25,71		
15:47:47	15:47:51	00:00:04	12,50	45,00		
15:48:01	15:48:05	00:00:04	12,50	45,00		
15:48:32	15:48:36	00:00:04	12,50	45,00		
15:48:45	15:48:50	00:00:05	10,00	36,00		
15:49:15	15:49:21	00:00:06	8,33	30,00		
15:49:33	15:49:37	00:00:04	12,50	45,00		
15:49:46	15:49:52	00:00:06	8,33	30,00		
15:50:01	15:50:08	00:00:07	7,14	25,71		
15:50:29	15:50:33	00:00:04	12,50	45,00		
15:50:52	15:50:58	00:00:06	8,33	30,00		
15:51:08	15:51:14	00:00:06	8,33	30,00		
15:51:24	15:51:28	00:00:04	12,50	45,00		

Kecepatan rata-rata (Vs) km/jam	Waktu Rata-rata detik
24,00	7,50
22,04	8,17
21,60	8,33
20,61	8,73

31,90	5,64
24,27	7,42
22,50	8,00

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15

Kecepatan rata-rata (Vs) km/jam	Waktu Rata-rata detik
21,18	8,50
25,71	7,00
24,92	7,22
30,73	5,86
28,93	6,22
28,24	6,38

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33,96	5,30

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7

Kecepatan rata-rata	Waktu
(Vs)	Rata-rata
km/jam	detik
27,69	6,50

6
7

Kecepatan rata-rata	Waktu
(Vs)	Rata-rata
km/jam	detik
40,34	4,46

7
6
4
3
3
4
4
3
3

[illegible]

Hasil Analisis Kecepatan Tempuh (Ada Parkir)

Hari / Tanggal : Selasa / 29 Agustus 2006
 Surveyor : Ane, Hari, Darto, Dodi
 Arah Arus : Solo - Wonogiri
 Jenis Kendaraan : LV
 Jarak : 100 m

Waktu	Kend ke-	Waktu kendaraan (detik)		Waktu tempuh (detik) (1)	Kecepatan		Kecepatan rata-rata (Vt) km/jam
		Masuk	Keluar		m/dt (2)= 50/(1)	km/jam (3) = (2)*3,6	
06.00-06.15	AD 2558 B	06:01:08	06:01:23	00:00:15	6,67	24,00	18,80
2	1590 AB	06:02:43	06:03:03	00:00:20	5,00	18,00	
3	1514 DG	06:06:26	06:06:51	00:00:25	4,00	14,40	
4	1617 DG	06:07:05	06:07:32	00:00:27	3,70	13,33	
5	7345 DL	06:07:50	06:08:10	00:00:20	5,00	18,00	
6	7481 DG	06:08:04	06:08:23	00:00:19	5,26	18,95	
7	1720 AG	06:08:29	06:08:53	00:00:24	4,17	15,00	
8	1674 AG	06:10:30	06:10:48	00:00:18	5,56	20,00	
9	B 271 ET	06:10:36	06:10:51	00:00:15	6,67	24,00	
10	1630 DG	06:10:52	06:11:08	00:00:16	6,25	22,50	
11	1988 A	06:11:15	06:11:28	00:00:13	7,69	27,69	
12	2766 B	06:12:14	06:12:34	00:00:20	5,00	18,00	
13	1438 AB	06:13:25	06:13:43	00:00:18	5,56	20,00	
14	2610 B	06:13:32	06:13:52	00:00:20	5,00	18,00	
15	1672 AG	06:13:56	06:14:12	00:00:16	6,25	22,50	
16	H 7233 KA	06:14:58	06:15:26	00:00:28	3,57	12,86	
17	H 7261 JH	06:14:58	06:15:27	00:00:29	3,45	12,41	
06.15-06.30	8470 HC	06:16:39	06:16:55	00:00:16	6,25	22,50	18,69
2	8284 DG	06:18:35	06:19:07	00:00:32	3,13	11,25	
3	1410 AB	06:18:53	06:19:13	00:00:20	5,00	18,00	
4	1469 AG	06:19:00	06:19:19	00:00:19	5,26	18,95	
5	1725 UB	06:19:43	06:20:07	00:00:24	4,17	15,00	
6	199 G	06:20:28	06:20:40	00:00:12	8,33	30,00	
7	1806 HD	06:20:40	06:21:03	00:00:23	4,35	15,65	
8	1695 HU	06:20:40	06:21:05	00:00:25	4,00	14,40	
9	2863 B	06:21:39	06:22:00	00:00:21	4,76	17,14	
10	H 9396 PS	06:22:35	06:22:59	00:00:24	4,17	15,00	
11	1727 NG	06:23:11	06:23:29	00:00:18	5,56	20,00	
12	100 B	06:23:24	06:23:37	00:00:13	7,69	27,69	
13	8999 CN	06:24:07	06:24:23	00:00:16	6,25	22,50	
14	1937 SB	06:25:41	06:26:04	00:00:23	4,35	15,65	
15	8421 HB	06:25:58	06:26:18	00:00:20	5,00	18,00	
16	B 2772 TF	06:26:22	06:26:38	00:00:16	6,25	22,50	
17	7658 AB	06:27:26	06:27:46	00:00:20	5,00	18,00	
18	1169 AB	06:27:50	06:28:13	00:00:23	4,35	15,65	
19	7704 CA	06:28:08	06:28:32	00:00:24	4,17	15,00	
20	9009 MU	06:28:14	06:28:37	00:00:23	4,35	15,65	
21	9112 MG	06:28:31	06:28:46	00:00:15	6,67	24,00	
06.30-06.45	7007 PV	06:30:31	06:31:07	00:00:36	2,78	10,00	17,16

2	8898 PB	06:30:55	06:31:14	00:00:19	5,26	18,95	
3	1917 B	06:31:38	06:31:53	00:00:15	6,67	24,00	
4	D 1254 DI	06:31:39	06:32:02	00:00:23	4,35	15,65	
5	8171 SB	06:32:20	06:32:47	00:00:27	3,70	13,33	
6	1509 AB	06:33:22	06:33:43	00:00:21	4,76	17,14	
7	1421 AB	06:33:40	06:33:59	00:00:19	5,26	18,95	
8	1520 AB	06:34:26	06:34:49	00:00:23	4,35	15,65	
9	1404 B	06:36:17	06:36:37	00:00:20	5,00	18,00	
10	1044 AB	06:36:19	06:36:45	00:00:26	3,85	13,85	
11	9350 MB	06:36:35	06:36:48	00:00:13	7,69	27,69	
12	8560 GA	06:37:04	06:37:17	00:00:13	7,69	27,69	
13	B 388 VS	06:37:41	06:37:59	00:00:18	5,56	20,00	
14	H 7860 AG	06:38:25	06:38:47	00:00:22	4,55	16,36	
15	8302 AG	06:38:40	06:39:04	00:00:24	4,17	15,00	
16	9569 DB	06:39:15	06:39:38	00:00:23	4,35	15,65	
17	7237 YA	06:39:27	06:39:47	00:00:20	5,00	18,00	
18	1801 BS	06:39:50	06:40:21	00:00:31	3,23	11,61	
19	B 8706 ZV	06:40:40	06:41:06	00:00:26	3,85	13,85	
20	H 8925 TB	06:40:41	06:41:15	00:00:34	2,94	10,59	
21	8574 LB	06:41:34	06:42:04	00:00:30	3,33	12,00	
22	8387 EB	06:42:05	06:49:29	00:07:24	4,17	15,00	
23	1742 DG	06:42:41	06:42:52	00:00:11	9,09	32,73	
24	8279 YA	06:43:10	06:43:32	00:00:22	4,55	16,36	
25	8518 GB	06:43:13	06:43:41	00:00:28	3,57	12,86	
26	8524 AA	06:43:51	06:44:10	00:00:19	5,26	18,95	
27	7787 FB	06:44:43	06:45:10	00:00:27	3,70	13,33	
06.45-07.00	1520 EG	06:45:29	06:45:51	00:00:22	4,55	16,36	17,35
2	1590 AB	06:45:37	06:46:01	00:00:24	4,17	15,00	
3	1409 B	06:46:00	06:46:26	00:00:26	3,85	13,85	
4	7396 CB	06:46:32	06:46:59	00:00:27	3,70	13,33	
5	7043 DH	06:46:59	06:47:08	00:00:09	11,11	40,00	
6	8876 NG	06:47:01	06:47:32	00:00:31	3,23	11,61	
7	8523 LB	06:47:54	06:48:17	00:00:23	4,35	15,65	
8	9338 DA	06:48:29	06:48:56	00:00:27	3,70	13,33	
9	8970 JB	06:48:38	06:48:59	00:00:21	4,76	17,14	
10	1451 AB	06:48:59	06:49:22	00:00:23	4,35	15,65	
11	2769 B	06:49:16	06:49:39	00:00:23	4,35	15,65	
12	H 1917 JW	06:49:29	06:49:52	00:00:23	4,35	15,65	
13	1512 BG	06:49:40	06:50:00	00:00:20	5,00	18,00	
14	8405 PK	06:49:41	06:50:03	00:00:22	4,55	16,36	
15	1452 DG	06:50:11	06:50:34	00:00:23	4,35	15,65	
16	1424 AB	06:50:30	06:50:51	00:00:21	4,76	17,14	
17	164 L	06:51:00	06:51:23	00:00:23	4,35	15,65	
18	8401 FB	06:51:34	06:51:55	00:00:21	4,76	17,14	
19	8591 CB	06:52:14	06:52:28	00:00:14	7,14	25,71	
20	8096 AN	06:52:22	06:52:48	00:00:26	3,85	13,85	
21	7171 AG	06:52:49	06:53:07	00:00:18	5,56	20,00	
22	B 7317 IT	06:58:09	06:58:29	00:00:20	5,00	18,00	
23	7591 DA	06:58:23	06:58:41	00:00:18	5,56	20,00	
24	742 Z	06:59:17	06:59:40	00:00:23	4,35	15,65	

07.00-07.15	2859 B	07:00:38	07:00:56	00:00:18	5,56	20,00	14,82
2	7401 HB	07:01:00	07:01:24	00:00:24	4,17	15,00	
3	7361 HB	07:01:25	07:01:47	00:00:22	4,55	16,36	
4	9366 LC	07:01:45	07:02:04	00:00:19	5,26	18,95	
5	8556 GB	07:02:31	07:02:48	00:00:17	5,88	21,18	
6	L 2656 HH	07:02:53	07:03:20	00:00:27	3,70	13,33	
7	7149 DB	07:03:13	07:03:41	00:00:28	3,57	12,86	
8	2899 B	07:03:21	07:03:45	00:00:24	4,17	15,00	
9	7958 DB	07:03:30	07:04:00	00:00:30	3,33	12,00	
10	8985 LB	07:03:38	07:04:10	00:00:32	3,13	11,25	
11	H 1655 QC	07:04:23	07:04:43	00:00:20	5,00	18,00	
12	2670 B	07:06:34	07:06:57	00:00:23	4,35	15,65	
13	G 1651 WA	07:06:47	07:07:11	00:00:24	4,17	15,00	
14	8479 HB	07:07:43	07:08:02	00:00:19	5,26	18,95	
15	7161 EF	07:07:53	07:08:12	00:00:19	5,26	18,95	
16	7380 DG	07:08:55	07:09:22	00:00:27	3,70	13,33	
17	B 8503 ZW	07:09:11	07:09:40	00:00:29	3,45	12,41	
18	72 B	07:09:46	07:10:16	00:00:30	3,33	12,00	
19	B 1329 EI	07:10:06	07:10:33	00:00:27	3,70	13,33	
20	1834 LB	07:11:03	07:11:30	00:00:27	3,70	13,33	
21	8703 KA	07:12:27	07:12:55	00:00:28	3,57	12,86	
22	7609 AA	07:12:37	07:13:05	00:00:28	3,57	12,86	
23	1498 AB	07:13:14	07:13:41	00:00:27	3,70	13,33	
24	AB 7138 EN	07:13:35	07:14:01	00:00:26	3,85	13,85	
25	88 B	07:13:56	07:14:25	00:00:29	3,45	12,41	
26	1808 HB	07:14:29	07:14:58	00:00:29	3,45	12,41	
27	7797 DF	07:14:37	07:15:00	00:00:23	4,35	15,65	
07.15-07.30	B 1177 CA	07:15:18	07:15:39	00:00:21	4,76	17,14	20,67
2	AB 8861 LA	07:15:25	07:15:46	00:00:21	4,76	17,14	
3	8506 EB	07:15:41	07:15:59	00:00:18	5,56	20,00	
4	1459 AB	07:15:48	07:16:10	00:00:22	4,55	16,36	
5	1472 AB	07:15:49	07:16:06	00:00:17	5,88	21,18	
6	8392 CA	07:16:00	07:16:19	00:00:19	5,26	18,95	
7	8283 BA	07:16:27	07:16:44	00:00:17	5,88	21,18	
8	9908 B	07:16:42	07:17:01	00:00:19	5,26	18,95	
9	8159 A	07:17:08	07:17:26	00:00:18	5,56	20,00	
10	7211 BA	07:17:37	07:17:59	00:00:22	4,55	16,36	
11	1731 PF	07:18:24	07:18:45	00:00:21	4,76	17,14	
12	8482 MB	07:19:16	07:19:27	00:00:11	9,09	32,73	
13	B 1309 CT	07:19:19	07:19:47	00:00:28	3,57	12,86	
14	9542 NH	07:20:01	07:20:21	00:00:20	5,00	18,00	
15	7619 WA	07:21:02	07:21:11	00:00:09	11,11	40,00	
16	7632 CB	07:21:39	07:21:50	00:00:11	9,09	32,73	
17	H 8443 RS	07:23:11	07:23:23	00:00:12	8,33	30,00	
18	99 B	07:24:11	07:24:31	00:00:20	5,00	18,00	
19	9096 NJ	07:24:29	07:24:50	00:00:21	4,76	17,14	
20	H 1835 UY	07:25:05	07:25:28	00:00:23	4,35	15,65	
21	9205 DA	07:25:19	07:25:43	00:00:24	4,17	15,00	
22	AB 8066 DH	07:26:20	07:26:41	00:00:21	4,76	17,14	
23	7676 CF	07:27:32	07:27:48	00:00:16	6,25	22,50	

24	1554 DE	07:27:40	07:27:55	00:00:15	6,67	24,00	
25	8502 LA	07:27:58	07:28:16	00:00:18	5,56	20,00	
26	29 B	07:29:21	07:29:42	00:00:21	4,76	17,14	
07.30-07.45	1564 AB	07:31:35	07:31:55	00:00:20	5,00	18,00	18,72
2	8675 B	07:32:55	07:33:15	00:00:20	5,00	18,00	
3	97 B	07:33:28	07:33:49	00:00:21	4,76	17,14	
4	1436 AB	07:33:31	07:33:47	00:00:16	6,25	22,50	
5	B 2919 PW	07:33:45	07:34:06	00:00:21	4,76	17,14	
6	9510 CB	07:33:57	07:34:24	00:00:27	3,70	13,33	
7	8507 DG	07:34:20	07:34:45	00:00:25	4,00	14,40	
8	2523 B	07:34:31	07:34:53	00:00:22	4,55	16,36	
9	AG 7207 ND	07:36:21	07:36:42	00:00:21	4,76	17,14	
10	W 8025 N	07:36:21	07:36:44	00:00:23	4,35	15,65	
11	487 B	07:36:46	07:37:15	00:00:29	3,45	12,41	
12	B 2355 IM	07:37:23	07:37:52	00:00:29	3,45	12,41	
13	1741 CG	07:37:57	07:38:29	00:00:32	3,13	11,25	
14	8533 LB	07:39:44	07:40:20	00:00:36	2,78	10,00	
15	G 9570 GG	07:40:06	07:40:30	00:00:24	4,17	15,00	
16	1453 AG	07:40:48	07:41:06	00:00:18	5,56	20,00	
17	8704 KA	07:41:30	07:41:48	00:00:18	5,56	20,00	
18	1681 HS	07:42:30	07:42:46	00:00:16	6,25	22,50	
19	1925 JB	07:43:55	07:44:07	00:00:12	8,33	30,00	
20	9584 SV	07:44:08	07:44:18	00:00:10	10,00	36,00	
21	1747 RA	07:44:18	07:44:30	00:00:12	8,33	30,00	
22	1614 CG	07:44:50	07:45:06	00:00:16	6,25	22,50	
07.45-08.00	1491 AB	07:46:40	07:46:56	00:00:16	6,25	22,50	15,20
2	9010 HB	07:47:29	07:47:46	00:00:17	5,88	21,18	
3	8590 FA	07:47:49	07:48:06	00:00:17	5,88	21,18	
4	9095 NB	07:48:12	07:48:37	00:00:25	4,00	14,40	
5	1887 RD	07:48:18	07:48:40	00:00:22	4,55	16,36	
6	8793 LK	07:48:57	07:49:18	00:00:21	4,76	17,14	
7	1596 AB	07:49:18	07:49:45	00:00:27	3,70	13,33	
8	1678 MS	07:50:00	07:50:29	00:00:29	3,45	12,41	
9	7244 BD	07:50:41	07:51:10	00:00:29	3,45	12,41	
10	B 8558 QS	07:51:04	07:51:38	00:00:34	2,94	10,59	
11	7820 AF	07:51:28	07:52:04	00:00:36	2,78	10,00	
12	1746 CG	07:51:37	07:52:11	00:00:34	2,94	10,59	
13	1540 AB	07:51:45	07:52:14	00:00:29	3,45	12,41	
14	8238 RA	07:52:10	07:52:37	00:00:27	3,70	13,33	
15	H 9324 FR	07:52:32	07:52:56	00:00:24	4,17	15,00	
16	9490 JB	07:52:47	07:53:11	00:00:24	4,17	15,00	
17	9208 NB	07:53:13	07:53:43	00:00:30	3,33	12,00	
18	8018 AB	07:53:30	07:54:00	00:00:30	3,33	12,00	
19	8562 B	07:53:30	07:54:02	00:00:32	3,13	11,25	
20	8853 HA	07:53:59	07:54:35	00:00:36	2,78	10,00	
21	9280 MA	07:54:33	07:54:55	00:00:22	4,55	16,36	
22	H 8131 GH	07:55:12	07:55:32	00:00:20	5,00	18,00	
23	B 1826 JH	07:55:17	07:55:37	00:00:20	5,00	18,00	
24	7208 YA	07:55:51	07:56:15	00:00:24	4,17	15,00	
25	1241 BA	07:57:47	07:58:15	00:00:28	3,57	12,86	

26	1514 AB	07:58:25	07:58:47	00:00:22	4,55	16,36	
27	1784 NB	07:58:37	07:59:01	00:00:24	4,17	15,00	
28	B 2317 YG	07:59:15	07:59:33	00:00:18	5,56	20,00	
29	8843 AA	07:59:40	07:59:56	00:00:16	6,25	22,50	
30	1615 CA	07:59:57	08:00:16	00:00:19	5,26	18,95	
08.00-08.15	1772 TB	08:00:33	08:01:03	00:00:30	3,33	12,00	18,62
2	9027 NH	08:00:59	08:01:23	00:00:24	4,17	15,00	
3	8413 LK	08:00:59	08:01:25	00:00:26	3,85	13,85	
4	1470 D	08:01:17	08:01:30	00:00:13	7,69	27,69	
5	9064 GB	08:01:42	08:01:59	00:00:17	5,88	21,18	
6	8441 LB	08:02:50	08:03:13	00:00:23	4,35	15,65	
7	2754 B	08:03:25	08:03:41	00:00:16	6,25	22,50	
8	1407 B	08:03:31	08:03:48	00:00:17	5,88	21,18	
9	7227 ST	08:03:38	08:03:52	00:00:14	7,14	25,71	
10	1946 UD	08:03:50	08:04:03	00:00:13	7,69	27,69	
11	8935 SA	08:04:16	08:04:43	00:00:27	3,70	13,33	
12	8545 HB	08:04:37	08:05:03	00:00:26	3,85	13,85	
13	9072 AA	08:04:37	08:05:10	00:00:33	3,03	10,91	
14	1649 AG	08:05:00	08:05:14	00:00:14	7,14	25,71	
15	H 9030 YW	08:05:17	08:05:29	00:00:12	8,33	30,00	
16	8499 NB	08:05:37	08:05:53	00:00:16	6,25	22,50	
17	1470 AB	08:05:40	08:05:58	00:00:18	5,56	20,00	
18	9501 UB	08:05:55	08:06:14	00:00:19	5,26	18,95	
19	8533 LB	08:06:54	08:07:19	00:00:25	4,00	14,40	
20	7777 NR	08:07:03	08:07:29	00:00:26	3,85	13,85	
21	1889 PS	08:08:21	08:08:38	00:00:17	5,88	21,18	
22	H 8074 LW	08:08:30	08:09:02	00:00:32	3,13	11,25	
23	1871 MB	08:09:10	08:09:35	00:00:25	4,00	14,40	
24	1692 SV	08:09:55	08:10:16	00:00:21	4,76	17,14	
25	9183 GH	08:10:56	08:11:14	00:00:18	5,56	20,00	
26	9286 MB	08:12:48	08:13:04	00:00:16	6,25	22,50	
27	H 8065 BF	08:12:59	08:13:20	00:00:21	4,76	17,14	
28	9019 HH	08:13:00	08:13:24	00:00:24	4,17	15,00	
29	B 7592 SJ	08:13:24	08:13:52	00:00:28	3,57	12,86	
30	1602 AB	08:14:44	08:15:01	00:00:17	5,88	21,18	
08.15-08.30	1537 AB	08:15:12	08:15:31	00:00:19	5,26	18,95	18,20
2	7082 PA	08:16:08	08:16:25	00:00:17	5,88	21,18	
3	9328 GF	08:16:09	08:16:26	00:00:17	5,88	21,18	
4	1826 MA	08:16:23	08:16:36	00:00:13	7,69	27,69	
5	1489 AB	08:16:59	08:17:20	00:00:21	4,76	17,14	
6	1508 AB	08:17:20	08:17:38	00:00:18	5,56	20,00	
7	7725 HB	08:17:30	08:17:51	00:00:21	4,76	17,14	
8	B 1585 AJ	08:18:59	08:19:33	00:00:34	2,94	10,59	
9	1444 B	08:19:07	08:19:28	00:00:21	4,76	17,14	
10	46 B	08:19:59	08:20:17	00:00:18	5,56	20,00	
11	1601 AG	08:20:33	08:20:53	00:00:20	5,00	18,00	
12	1403 B	08:20:51	08:21:08	00:00:17	5,88	21,18	
13	8408 TA	08:22:00	08:22:19	00:00:19	5,26	18,95	
14	1980 B	08:22:14	08:22:35	00:00:21	4,76	17,14	
15	1596 DG	08:22:47	08:23:07	00:00:20	5,00	18,00	

16	8754 NB	08:23:55	08:24:14	00:00:19	5,26	18,95	
17	8889 AC	08:24:25	08:24:44	00:00:19	5,26	18,95	
18	7952 WA	08:24:48	08:25:15	00:00:27	3,70	13,33	
19	9515 LB	08:25:59	08:26:20	00:00:21	4,76	17,14	
20	9609 BE	08:26:10	08:26:38	00:00:28	3,57	12,86	
21	2628 B	08:26:45	08:27:04	00:00:19	5,26	18,95	
22	8573 UB	08:27:18	08:27:38	00:00:20	5,00	18,00	
23	7240 CG	08:27:39	08:28:04	00:00:25	4,00	14,40	
24	8637 BB	08:28:51	08:29:12	00:00:21	4,76	17,14	
25	1510 EG	08:29:08	08:29:25	00:00:17	5,88	21,18	
26	7190 HB	08:29:59	08:30:19	00:00:20	5,00	18,00	
08.30-08.45	L 2406	08:30:39	08:30:52	00:00:13	7,69	27,69	16,73
2	7477 TA	08:30:50	08:31:12	00:00:22	4,55	16,36	
3	7048 AA	08:31:20	08:31:44	00:00:24	4,17	15,00	
4	1582 AB	08:31:26	08:31:44	00:00:18	5,56	20,00	
5	1463 AB	08:31:38	08:31:59	00:00:21	4,76	17,14	
6	8301 AA	08:32:48	08:33:08	00:00:20	5,00	18,00	
7	1699 HF	08:33:30	08:33:48	00:00:18	5,56	20,00	
8	1749 KS	08:33:49	08:34:16	00:00:27	3,70	13,33	
9	1530 AG	08:34:17	08:34:38	00:00:21	4,76	17,14	
10	1674 AG	08:34:33	08:34:59	00:00:26	3,85	13,85	
11	8319 GB	08:34:57	08:35:17	00:00:20	5,00	18,00	
12	8738 MA	08:35:11	08:35:41	00:00:30	3,33	12,00	
13	1669 LD	08:35:33	08:35:58	00:00:25	4,00	14,40	
14	8765 HB	08:36:04	08:36:29	00:00:25	4,00	14,40	
15	8647 CG	08:36:52	08:37:11	00:00:19	5,26	18,95	
16	8827 KB	08:37:06	08:37:26	00:00:20	5,00	18,00	
17	1949 RB	08:38:21	08:38:42	00:00:21	4,76	17,14	
18	1746 DA	08:38:46	08:39:20	00:00:34	2,94	10,59	
19	1514 DG	08:39:49	08:40:10	00:00:21	4,76	17,14	
20	1625 DG	08:40:03	08:40:22	00:00:19	5,26	18,95	
21	11 B	08:40:25	08:40:45	00:00:20	5,00	18,00	
22	8550 NB	08:43:04	08:43:25	00:00:21	4,76	17,14	
23	8775 FF	08:43:57	08:44:22	00:00:25	4,00	14,40	
24	7946 LA	08:44:31	08:44:57	00:00:26	3,85	13,85	
08.45-09.00	1716 KS	08:45:10	08:45:26	00:00:16	6,25	22,50	18,78
2	2878 B	08:45:16	08:45:34	00:00:18	5,56	20,00	
3	8490 ES	08:45:27	08:45:41	00:00:14	7,14	25,71	
4	94 B	08:46:09	08:46:33	00:00:24	4,17	15,00	
5	7713 HB	08:46:40	08:47:00	00:00:20	5,00	18,00	
6	K 1714 HB	08:46:51	08:47:12	00:00:21	4,76	17,14	
7	AE 2024 RC	08:47:38	08:48:00	00:00:22	4,55	16,36	
8	1662 PS	08:47:50	08:48:15	00:00:25	4,00	14,40	
9	1832 CA	08:47:55	08:48:15	00:00:20	5,00	18,00	
10	2633 BG	08:50:30	08:51:00	00:00:30	3,33	12,00	
11	1761 NA	08:50:59	08:51:20	00:00:21	4,76	17,14	
12	8589 NG	08:51:15	08:51:36	00:00:21	4,76	17,14	
13	1532 EG	08:51:48	08:52:06	00:00:18	5,56	20,00	
14	B 1207 WQ	08:52:02	08:52:21	00:00:19	5,26	18,95	
15	B 2731 VI	08:52:32	08:52:56	00:00:24	4,17	15,00	

16	K 1697 HB	08:52:44	08:53:07	00:00:23	4,35	15,65	
17	8302 LK	08:53:09	08:53:29	00:00:20	5,00	18,00	
18	H 8055 QT	08:56:00	08:56:25	00:00:25	4,00	14,40	
19	7819 BA	08:56:13	08:56:39	00:00:26	3,85	13,85	
20	8181 H	08:58:16	08:58:28	00:00:12	8,33	30,00	
21	8589 MB	08:59:24	08:59:36	00:00:12	8,33	30,00	
22	9551 HG	08:59:43	08:59:58	00:00:15	6,67	24,00	
09.00-09.15	1827 MG	09:00:30	09:00:47	00:00:17	5,88	21,18	19,02
2	2753 B	09:00:55	09:01:14	00:00:19	5,26	18,95	
3	1775 NB	09:01:04	09:01:21	00:00:17	5,88	21,18	
4	8733 DG	09:01:25	09:01:50	00:00:25	4,00	14,40	
5	H 9369 MC	09:01:45	09:02:12	00:00:27	3,70	13,33	
6	AB 9199 YA	09:02:19	09:02:39	00:00:20	5,00	18,00	
7	1594 DG	09:02:30	09:02:52	00:00:22	4,55	16,36	
8	W 2456 FE	09:02:40	09:03:03	00:00:23	4,35	15,65	
9	1933 B	09:03:36	09:04:02	00:00:26	3,85	13,85	
10	1838 RS	09:04:20	09:04:40	00:00:20	5,00	18,00	
11	8328 PA	09:05:13	09:05:30	00:00:17	5,88	21,18	
12	B 2532 GZ	09:05:30	09:06:04	00:00:34	2,94	10,59	
13	72 B	09:05:54	09:06:08	00:00:14	7,14	25,71	
14	Z 8169 DI	09:06:24	09:06:46	00:00:22	4,55	16,36	
15	1457 AB	09:07:15	09:07:40	00:00:25	4,00	14,40	
16	1556 AG	09:07:30	09:07:50	00:00:20	5,00	18,00	
17	9311 MB	09:07:56	09:08:17	00:00:21	4,76	17,14	
18	D 1248 MY	09:08:29	09:08:47	00:00:18	5,56	20,00	
19	8919 HB	09:08:53	09:09:10	00:00:17	5,88	21,18	
20	117 B	09:10:31	09:10:50	00:00:19	5,26	18,95	
21	1875 RF	09:11:24	09:11:53	00:00:29	3,45	12,41	
22	8829 HF	09:12:17	09:12:36	00:00:19	5,26	18,95	
23	G 9051 BC	09:12:36	09:12:53	00:00:17	5,88	21,18	
24	8846 LB	09:13:41	09:13:51	00:00:10	10,00	36,00	
25	8496 GF	09:13:51	09:14:04	00:00:13	7,69	27,69	
26	7979 DA	09:14:10	09:14:24	00:00:14	7,14	25,71	
27	AE 2888 TE	09:14:26	09:14:47	00:00:21	4,76	17,14	
09.15-09.30	AB 7221 FE	09:15:26	09:15:53	00:00:27	3,70	13,33	14,83
2	914 B	09:15:44	09:16:08	00:00:24	4,17	15,00	
3	1841 RA	09:15:52	09:16:13	00:00:21	4,76	17,14	
4	2687 B	09:16:09	09:16:32	00:00:23	4,35	15,65	
5	2652 B	09:16:29	09:17:02	00:00:33	3,03	10,91	
6	1498 AB	09:16:38	09:17:01	00:00:23	4,35	15,65	
7	H 1849 SG	09:17:29	09:17:49	00:00:20	5,00	18,00	
8	1429 B	09:18:08	09:18:36	00:00:28	3,57	12,86	
9	H 495 AS	09:18:23	09:18:53	00:00:30	3,33	12,00	
10	7414 KF	09:18:34	09:19:01	00:00:27	3,70	13,33	
11	1597 AB	09:18:48	09:19:16	00:00:28	3,57	12,86	
12	B 9576 UK	09:19:00	09:22:20	00:03:20	5,00	18,00	
13	9334 LB	09:19:56	09:20:19	00:00:23	4,35	15,65	
14	1433 AB	09:20:25	09:20:45	00:00:20	5,00	18,00	
15	1836 JS	09:20:50	09:21:11	00:00:21	4,76	17,14	
16	1662 A	09:20:55	09:21:20	00:00:25	4,00	14,40	

17	1630 DG	09:21:07	09:21:34	00:00:27	3,70	13,33	
18	1488 AG	09:21:44	09:22:14	00:00:30	3,33	12,00	
19	9060 HB	09:22:01	09:22:29	00:00:28	3,57	12,86	
20	9105 RH	09:22:17	09:22:45	00:00:28	3,57	12,86	
21	1401 B	09:22:25	09:22:51	00:00:26	3,85	13,85	
22	9009 KB	09:22:55	09:23:20	00:00:25	4,00	14,40	
23	8970 MB	09:23:36	09:24:00	00:00:24	4,17	15,00	
24	H 9026 KG	09:23:49	09:24:09	00:00:20	5,00	18,00	
25	9061 RH	09:24:09	09:24:48	00:00:39	2,56	9,23	
26	D 1136 AB	09:24:44	09:25:04	00:00:20	5,00	18,00	
27	1736 AB	09:24:59	09:25:22	00:00:23	4,35	15,65	
28	1510 DG	09:26:36	09:27:02	00:00:26	3,85	13,85	
29	1511 AB	09:27:35	09:28:04	00:00:29	3,45	12,41	
30	8739 HA	09:28:01	09:28:25	00:00:24	4,17	15,00	
31	8379 NB	09:28:05	09:28:27	00:00:22	4,55	16,36	
32	9000 GK	09:28:27	09:28:47	00:00:20	5,00	18,00	
33	9509 SB	09:28:45	09:29:06	00:00:21	4,76	17,14	
34	1831 KS	09:28:53	09:29:15	00:00:22	4,55	16,36	
35	B 8315 EW	09:29:09	09:29:32	00:00:23	4,35	15,65	
36	2669 AG	09:29:50	09:30:14	00:00:24	4,17	15,00	
37	8913 TA	09:29:58	09:30:24	00:00:26	3,85	13,85	
09.30-09.45	7795 GB	09:30:55	09:31:16	00:00:21	4,76	17,14	18,39
2	1664 KE	09:31:49	09:32:10	00:00:21	4,76	17,14	
3	AB 9024 BN	09:32:18	09:32:33	00:00:15	6,67	24,00	
4	H 8590 HL	09:32:36	09:32:50	00:00:14	7,14	25,71	
5	9568 FD	09:32:39	09:33:01	00:00:22	4,55	16,36	
6	7777 LK	09:32:50	09:33:06	00:00:16	6,25	22,50	
7	1462 HE	09:33:21	09:33:42	00:00:21	4,76	17,14	
8	9457 JA	09:33:46	09:34:04	00:00:18	5,56	20,00	
9	H 1 DA	09:34:07	09:34:29	00:00:22	4,55	16,36	
10	1932 RB	09:34:20	09:34:43	00:00:23	4,35	15,65	
11	1590 AB	09:36:00	09:36:17	00:00:17	5,88	21,18	
12	8228 GB	09:37:00	09:37:20	00:00:20	5,00	18,00	
13	9483 LB	09:37:45	09:38:11	00:00:26	3,85	13,85	
14	H 9263 LA	09:37:59	09:38:26	00:00:27	3,70	13,33	
15	7456 PA	09:38:05	09:38:25	00:00:20	5,00	18,00	
16	8432 LC	09:38:22	09:38:36	00:00:14	7,14	25,71	
17	1179 AB	09:38:32	09:38:53	00:00:21	4,76	17,14	
18	1528 AB	09:38:42	09:39:02	00:00:20	5,00	18,00	
19	8001 GA	09:39:01	09:39:22	00:00:21	4,76	17,14	
20	AA 9237 FB	09:39:10	09:39:31	00:00:21	4,76	17,14	
21	D 1395 DU	09:39:41	09:40:04	00:00:23	4,35	15,65	
22	8914 DG	09:40:09	09:40:33	00:00:24	4,17	15,00	
23	8466 NB	09:40:18	09:40:41	00:00:23	4,35	15,65	
24	1071 AB	09:40:39	09:41:01	00:00:22	4,55	16,36	
25	1905 SB	09:41:59	09:42:12	00:00:13	7,69	27,69	
26	7123 FA	09:41:59	09:42:18	00:00:19	5,26	18,95	
27	9458 FH	09:44:56	09:45:19	00:00:23	4,35	15,65	
09.45-10.00	H 7478 RW	09:45:00	09:45:24	00:00:24	4,17	15,00	16,35
2	B 1157 KO	09:45:47	09:46:09	00:00:22	4,55	16,36	

3	K 1614 NB	09:50:35	09:51:02	00:00:27	3,70	13,33	
4	1490 AB	09:50:57	09:51:28	00:00:31	3,23	11,61	
5	1455 AB	09:51:22	09:51:42	00:00:20	5,00	18,00	
6	W 7954 K	09:52:40	09:52:53	00:00:13	7,69	27,69	
7	2864 B	09:52:55	09:53:20	00:00:25	4,00	14,40	
8	1571 AB	09:53:20	09:53:41	00:00:21	4,76	17,14	
9	2808 B	09:55:24	09:55:47	00:00:23	4,35	15,65	
10	1446 CA	09:56:21	09:56:45	00:00:24	4,17	15,00	
11	9575 A	09:59:36	09:59:59	00:00:23	4,35	15,65	
14.00-14.15	7993 FB	14:00:17	14:00:36	00:00:19	5,26	18,95	45,75
2	AB 8183 DN	14:00:39	14:00:53	00:00:14	7,14	25,71	
3	1764 QS	14:01:21	14:01:29	00:00:08	12,50	45,00	
4	8209 LK	14:01:32	14:01:44	00:00:12	8,33	30,00	
5	H 1856 NG	14:02:28	14:02:36	00:00:08	12,50	45,00	
6	8545 YA	14:03:10	14:03:15	00:00:05	20,00	72,00	
7	1766	14:04:09	14:04:16	00:00:07	14,29	51,43	
8	88 B	14:04:54	14:05:04	00:00:10	10,00	36,00	
9	7528 GB	14:05:10	14:05:17	00:00:07	14,29	51,43	
10	8673 DD	14:05:52	14:06:00	00:00:08	12,50	45,00	
11	8707 HB	14:06:09	14:06:19	00:00:10	10,00	36,00	
12	333 B	14:06:15	14:06:29	00:00:14	7,14	25,71	
13	1675 PB	14:06:40	14:06:45	00:00:05	20,00	72,00	
14	E 727 Y	14:07:11	14:07:14	00:00:03	33,33	120,00	
15	8888 KT	14:08:23	14:08:37	00:00:14	7,14	25,71	
16	1844 SB	14:08:47	14:08:51	00:00:04	25,00	90,00	
17	7380 RA	14:09:20	14:09:25	00:00:05	20,00	72,00	
18	1434 AB	14:11:44	14:12:07	00:00:23	4,35	15,65	
19	1484 AB	14:12:10	14:12:26	00:00:16	6,25	22,50	
20	1617 DG	14:14:36	14:15:00	00:00:24	4,17	15,00	
14.15-14.30	54 B	14:15:01	14:15:10	00:00:09	11,11	40,00	44,91
2	8667 NB	14:15:16	14:15:26	00:00:10	10,00	36,00	
3	8620 AC	14:15:50	14:15:59	00:00:09	11,11	40,00	
4	73 B	14:16:04	14:16:11	00:00:07	14,29	51,43	
5	B 2006 ZT	14:16:11	14:16:19	00:00:08	12,50	45,00	
6	9162 MB	14:16:49	14:16:55	00:00:06	16,67	60,00	
7	1405 AB	14:17:15	14:17:34	00:00:19	5,26	18,95	
8	1577 AB	14:17:25	14:17:48	00:00:23	4,35	15,65	
9	7584 HB	14:17:28	14:17:39	00:00:11	9,09	32,73	
10	8367 EB	14:17:36	14:17:53	00:00:17	5,88	21,18	
11	8655 KA	14:18:33	14:18:40	00:00:07	14,29	51,43	
12	7455 A	14:18:43	14:18:50	00:00:07	14,29	51,43	
13	8471 LC	14:19:33	14:19:36	00:00:03	33,33	120,00	
14	H 1847 JB	14:19:50	14:19:56	00:00:06	16,67	60,00	
15	1809 TB	14:20:24	14:20:30	00:00:06	16,67	60,00	
16	W 2227 PA	14:20:49	14:20:53	00:00:04	25,00	90,00	
17	7420 AA	14:21:39	14:21:49	00:00:10	10,00	36,00	
18	AB 8265 BE	14:21:41	14:22:03	00:00:22	4,55	16,36	

19	7227 ST	14:22:06	14:22:17	00:00:11	9,09	32,73	
20	8699 KB	14:22:18	14:22:31	00:00:13	7,69	27,69	
21	AB 7356 KA	14:23:16	14:23:21	00:00:05	20,00	72,00	
22	8716 LB	14:23:30	14:23:36	00:00:06	16,67	60,00	
23	1698 JB	14:23:45	14:23:59	00:00:14	7,14	25,71	
24	1590 AB	14:24:06	14:24:17	00:00:11	9,09	32,73	
25	7584 FB	14:24:20	14:24:27	00:00:07	14,29	51,43	
26	1874 YA	14:24:56	14:25:04	00:00:08	12,50	45,00	
27	7619 VA	14:26:07	14:26:17	00:00:10	10,00	36,00	
28	9569	14:26:30	14:26:41	00:00:11	9,09	32,73	
29	9345 NB	14:26:49	14:27:01	00:00:12	8,33	30,00	
30	AE 7841 W	14:27:10	14:27:18	00:00:08	12,50	45,00	
31	9277 NG	14:27:48	14:27:57	00:00:09	11,11	40,00	
32	1703 MB	14:28:45	14:28:50	00:00:05	20,00	72,00	
33	1671 SG	14:28:59	14:29:10	00:00:11	9,09	32,73	
34	7775 BG	14:29:13	14:29:21	00:00:08	12,50	45,00	
14.30-14.45	9244 BB	14:29:59	14:30:06	00:00:07	14,29	51,43	59,08
2	1716 HS	14:30:14	14:30:21	00:00:07	14,29	51,43	
3	1741 NB	14:31:27	14:31:36	00:00:09	11,11	40,00	
4	AB 9381 FD	14:31:45	14:31:48	00:00:03	33,33	120,00	
5	8717 HB	14:32:20	14:32:28	00:00:08	12,50	45,00	
6	H 9580	14:32:32	14:32:43	00:00:11	9,09	32,73	
7	7123 H	14:32:40	14:32:54	00:00:14	7,14	25,71	
8	G 8745 A	14:34:07	14:34:14	00:00:07	14,29	51,43	
9	1438 CA	14:34:50	14:35:04	00:00:14	7,14	25,71	
10	8743 MB	14:35:00	14:35:15	00:00:15	6,67	24,00	
11	2896 B	14:35:49	14:36:01	00:00:12	8,33	30,00	
12	8701 JB	14:35:59	14:36:03	00:00:04	25,00	90,00	
13	115 B	14:36:30	14:36:35	00:00:05	20,00	72,00	
14	8926 KC	14:37:48	14:37:55	00:00:07	14,29	51,43	
15	8902 GC	14:38:13	14:38:18	00:00:05	20,00	72,00	
16	8783 LB	14:40:22	14:40:25	00:00:03	33,33	120,00	
17	8710 KB	14:40:45	14:40:51	00:00:06	16,67	60,00	
18	9075 MA	14:41:08	14:41:15	00:00:07	14,29	51,43	
19	1401 BG	14:41:27	14:41:34	00:00:07	14,29	51,43	
20	1628 A	14:41:45	14:41:50	00:00:05	20,00	72,00	
21	AE 7128 T	14:43:07	14:43:11	00:00:04	25,00	90,00	
22	8360 EB	14:43:28	14:43:33	00:00:05	20,00	72,00	
14.45-15.00	7375 FB	14:46:02	14:46:05	00:00:03	33,33	120,00	45,55
2	8906 JB	14:46:31	14:46:38	00:00:07	14,29	51,43	
3	H 8442 RS	14:46:58	14:47:08	00:00:10	10,00	36,00	
4	2879 GB	14:47:08	14:47:31	00:00:23	4,35	15,65	
5	H 299 HH	14:47:30	14:48:13	00:00:43	2,33	8,37	
6	8999 HA	14:48:31	14:48:36	00:00:05	20,00	72,00	
7	1662 RA	14:48:40	14:48:53	00:00:13	7,69	27,69	
8	8923 BG	14:48:58	14:49:05	00:00:07	14,29	51,43	
9	1837QD	14:49:47	14:49:55	00:00:08	12,50	45,00	
10	7888 PA	14:49:59	14:50:04	00:00:05	20,00	72,00	
11	H 9553 AZ	14:50:30	14:50:35	00:00:05	20,00	72,00	
12	F 1625 UD	14:50:43	14:50:47	00:00:04	25,00	90,00	

13	7061 HB	14:50:44	14:50:57	00:00:13	7,69	27,69	
14	1571 AB	14:51:29	14:51:55	00:00:26	3,85	13,85	
15	1941 MB	14:51:57	14:52:26	00:00:29	3,45	12,41	
16	1537 AB	14:52:34	14:52:40	00:00:06	16,67	60,00	
17	9356 AA	14:52:42	14:52:53	00:00:11	9,09	32,73	
18	1895 HB	14:53:20	14:53:27	00:00:07	14,29	51,43	
19	7729 DD	14:53:45	14:53:49	00:00:04	25,00	90,00	
20	1895 LA	14:54:14	14:54:18	00:00:04	25,00	90,00	
21	D 678 BJ	14:54:57	14:55:01	00:00:04	25,00	90,00	
22	8677 YA	14:55:26	14:55:40	00:00:14	7,14	25,71	
23	7314 DG	14:55:33	14:55:52	00:00:19	5,26	18,95	
24	8414 PK	14:55:40	14:55:59	00:00:19	5,26	18,95	
25	9358 NA	14:56:12	14:56:25	00:00:13	7,69	27,69	
26	97 B	14:56:20	14:56:35	00:00:15	6,67	24,00	
27	B 2135 KF	14:58:09	14:58:38	00:00:29	3,45	12,41	
28	8555 ST	14:58:30	14:58:50	00:00:20	5,00	18,00	
15.00-15.15	1652 KA	15:02:08	15:02:36	00:00:28	3,57	12,86	50,58
2	66 B	15:02:45	15:02:50	00:00:05	20,00	72,00	
3	1002 AB	15:02:54	15:03:01	00:00:07	14,29	51,43	
4	9400 JB	15:03:29	15:03:41	00:00:12	8,33	30,00	
5	8157 DL	15:04:11	15:04:18	00:00:07	14,29	51,43	
6	1190	15:04:12	15:04:20	00:00:08	12,50	45,00	
7	9042 KG	15:04:29	15:04:36	00:00:07	14,29	51,43	
8	8944 KA	15:04:40	15:04:46	00:00:06	16,67	60,00	
9	7626 HA	15:04:59	15:05:17	00:00:18	5,56	20,00	
10	9142 LD	15:05:30	15:05:40	00:00:10	10,00	36,00	
11	R 1035 GA	15:05:40	15:05:47	00:00:07	14,29	51,43	
12	1562 AB	15:05:51	15:06:06	00:00:15	6,67	24,00	
13	8713 AD	15:06:00	15:06:13	00:00:13	7,69	27,69	
14	8267 RA	15:06:35	15:06:51	00:00:16	6,25	22,50	
15	7075 YA	15:07:03	15:07:08	00:00:05	20,00	72,00	
16	AB 8916 LB	15:07:22	15:07:32	00:00:10	10,00	36,00	
17	1432 AB	15:08:33	15:08:45	00:00:12	8,33	30,00	
18	1885 TA	15:08:40	15:08:47	00:00:07	14,29	51,43	
19	1723 DG	15:09:04	15:09:10	00:00:06	16,67	60,00	
20	9154 NB	15:09:11	15:09:25	00:00:14	7,14	25,71	
21	7617 H	15:09:50	15:09:58	00:00:08	12,50	45,00	
22	9462 NE	15:10:38	15:10:40	00:00:02	50,00	180,00	
23	H 401 DS	15:11:43	15:11:47	00:00:04	25,00	90,00	
24	1894 SG	15:12:12	15:12:22	00:00:10	10,00	36,00	
25	9133 PA	15:12:38	15:12:58	00:00:20	5,00	18,00	
26	8738 MA	15:12:46	15:13:10	00:00:24	4,17	15,00	
27	9030 NB	15:14:13	15:14:17	00:00:04	25,00	90,00	
28	1716 KG	15:14:35	15:14:40	00:00:05	20,00	72,00	
29	8016 DG	15:14:57	15:15:01	00:00:04	25,00	90,00	
15.15-15.30	7007 EL	15:15:26	15:15:30	00:00:04	25,00	90,00	58,94
2	7613 HB	15:15:49	15:15:53	00:00:04	25,00	90,00	
3	B 8331 BZ	15:16:55	15:17:00	00:00:05	20,00	72,00	
4	1780 WC	15:17:08	15:17:16	00:00:08	12,50	45,00	
5	1459 AB	15:17:40	15:17:50	00:00:10	10,00	36,00	

6	B 7070 NB	15:17:52	15:18:11	00:00:19	5,26	18,95	
7	9379 CG	15:18:04	15:18:13	00:00:09	11,11	40,00	
8	1445 AB	15:18:04	15:18:17	00:00:13	7,69	27,69	
9	1832 CA	15:18:38	15:18:55	00:00:17	5,88	21,18	
10	1845 MA	15:18:51	15:18:55	00:00:04	25,00	90,00	
11	8888 FY	15:19:24	15:19:30	00:00:06	16,67	60,00	
12	8341 FB	15:19:38	15:19:42	00:00:04	25,00	90,00	
13	7357 HB	15:19:46	15:19:51	00:00:05	20,00	72,00	
14	1855 TB	15:20:42	15:20:48	00:00:06	16,67	60,00	
15	K 9503 TA	15:20:59	15:21:14	00:00:15	6,67	24,00	
16	8000 KR	15:21:29	15:21:40	00:00:11	9,09	32,73	
17	9457 EP	15:21:47	15:21:58	00:00:11	9,09	32,73	
18	9068 CC	15:22:15	15:22:26	00:00:11	9,09	32,73	
19	AG 1184 Y	15:22:24	15:22:28	00:00:04	25,00	90,00	
20	7196 GB	15:25:08	15:25:10	00:00:02	50,00	180,00	
21	7599 DG	15:25:27	15:25:38	00:00:11	9,09	32,73	
15.30-15.45	8518 GB	15:30:53	15:31:05	00:00:12	8,33	30,00	51,49
2	2907 B	15:31:18	15:31:35	00:00:17	5,88	21,18	
3	1565 B	15:31:35	15:31:48	00:00:13	7,69	27,69	
4	1826 TB	15:31:49	15:32:07	00:00:18	5,56	20,00	
5	7941 CB	15:32:00	15:32:13	00:00:13	7,69	27,69	
6	1845 ND	15:32:15	15:32:33	00:00:18	5,56	20,00	
7	8859 AD	15:32:36	15:32:48	00:00:12	8,33	30,00	
8	AB 9351 N	15:32:54	15:32:57	00:00:03	33,33	120,00	
9	8915 MA	15:33:04	15:33:07	00:00:03	33,33	120,00	
10	B 135 EL	15:34:46	15:34:51	00:00:05	20,00	72,00	
11	8542 AB	15:35:00	15:35:08	00:00:08	12,50	45,00	
12	8888 KM	15:35:48	15:35:56	00:00:08	12,50	45,00	
13	1869NB	15:35:36	15:36:01	00:00:25	4,00	14,40	
14	AE 2659 RC	15:36:00	15:36:09	00:00:09	11,11	40,00	
15	1416 AB	15:36:35	15:36:41	00:00:06	16,67	60,00	
16	8754 G	15:37:58	15:38:02	00:00:04	25,00	90,00	
17	8691 LK	15:38:00	15:38:20	00:00:20	5,00	18,00	
18	B 8221 TT	15:38:42	15:39:05	00:00:23	4,35	15,65	
19	8192 GB	15:39:00	15:39:20	00:00:20	5,00	18,00	
20	1697 SA	15:39:13	15:39:30	00:00:17	5,88	21,18	
21	1 DB	15:40:16	15:40:18	00:00:02	50,00	180,00	
22	7849 D	15:40:39	15:40:49	00:00:10	10,00	36,00	
23	2610 B	15:40:55	15:41:00	00:00:05	20,00	72,00	
24	9337 F	15:41:09	15:41:15	00:00:06	16,67	60,00	
25	1520 FQ	15:42:59	15:43:07	00:00:08	12,50	45,00	
26	1742 MG	15:44:20	15:44:24	00:00:04	25,00	90,00	
15.45-16.00	H 7269 TH	15:46:05	15:46:09	00:00:04	25,00	90,00	52,64
2	1444 AB	15:46:42	15:46:59	00:00:17	5,88	21,18	
3	B 8670 IK	15:47:48	15:47:54	00:00:06	16,67	60,00	
4	8191 JG	15:48:05	15:48:11	00:00:06	16,67	60,00	
5	1403 AB	15:48:15	15:48:33	00:00:18	5,56	20,00	
6	B 8198 CY	15:48:40	15:48:58	00:00:18	5,56	20,00	
7	L 2767 GT	15:49:43	15:49:47	00:00:04	25,00	90,00	
8	8196 FB	15:50:00	15:50:04	00:00:04	25,00	90,00	

9	8693 LK	15:50:57	15:51:03	00:00:06	16,67	60,00	
10	7113 DA	15:52:32	15:52:38	00:00:06	16,67	60,00	
11	B 8217 KH	15:53:49	15:54:03	00:00:14	7,14	25,71	
12	AB 8444 DB	15:55:31	15:55:41	00:00:10	10,00	36,00	
13	8999 WT	15:56:13	15:56:20	00:00:07	14,29	51,43	

Hari / Tanggal : Selasa / 29 Agustus 2006

Surveyor : Ika dan Aji

Arah Arus : Solo - Wonogiri

Jenis Kendaraan : Sepeda motor (MC)

Jarak : 100 m

Waktu	Plat	Waktu kendaraan (detik)		Waktu tempuh (detik)	Kecepatan		Kecepatan rata-rata (Vt) km/jam
		Masuk	Keluar		m/dt (2)= 100/(1)	km/jam (3) = (2)*3,6	
06.00-06.15	2001 HH	06:02:42	06:02:58	00:00:16	6,25	22,50	20,11
2	2333 WF	06:03:03	06:03:20	00:00:17	5,88	21,18	
3	3003 CR	06:03:29	06:03:50	00:00:21	4,76	17,14	
4	5433 L	06:03:45	06:04:05	00:00:20	5,00	18,00	
5	AE 2222 MN	06:04:31	06:04:46	00:00:15	6,67	24,00	
6	B 2060 QN	06:05:06	06:05:28	00:00:22	4,55	16,36	
7	1234 NA	06:05:40	06:05:59	00:00:19	5,26	18,95	
8	8030 AB	06:07:10	06:07:28	00:00:18	5,56	20,00	
9	1132 GP	06:10:09	06:10:25	00:00:16	6,25	22,50	
10	3774 AE	06:10:18	06:10:37	00:00:19	5,26	18,95	
11	3664 AB	06:10:43	06:10:59	00:00:16	6,25	22,50	
12	4000 AB	06:11:04	06:11:23	00:00:19	5,26	18,95	
13	6251 DA	06:11:29	06:11:48	00:00:19	5,26	18,95	
14	3251 WG	06:11:38	06:11:58	00:00:20	5,00	18,00	
15	4625 CF	06:12:45	06:12:59	00:00:14	7,14	25,71	
16	2005 R	06:12:48	06:13:05	00:00:17	5,88	21,18	
17	H 4115 Y	06:12:49	06:13:09	00:00:20	5,00	18,00	
18	5002 CA	06:12:50	06:13:06	00:00:16	6,25	22,50	
19	3755 DA	06:13:22	06:13:40	00:00:18	5,56	20,00	
20	4811 DA	06:14:25	06:14:45	00:00:20	5,00	18,00	
21	4378 PB	06:14:27	06:14:46	00:00:19	5,26	18,95	
06.15-06.30	5908 DT	06:16:43	06:17:01	00:00:18	5,56	20,00	20,05
2	5499 KK	06:17:29	06:17:46	00:00:17	5,88	21,18	
3	4391 MB	06:18:37	06:18:53	00:00:16	6,25	22,50	
4	7580 VA	06:18:39	06:18:54	00:00:15	6,67	24,00	
5	4204 MP	06:18:45	06:19:02	00:00:17	5,88	21,18	
6	2766 DB	06:18:53	06:19:16	00:00:23	4,35	15,65	
7	3420 KB	06:18:56	06:19:17	00:00:21	4,76	17,14	
8	5234 AB	06:19:43	06:19:59	00:00:16	6,25	22,50	
9	3666 YK	06:20:23	06:20:43	00:00:20	5,00	18,00	
10	3278 NG	06:21:20	06:21:39	00:00:19	5,26	18,95	
11	2708 BG	06:21:47	06:22:05	00:00:18	5,56	20,00	
12	4859 YK	06:22:09	06:22:30	00:00:21	4,76	17,14	

13	5742 UK	06:23:05	06:23:24	00:00:19	5,26	18,95	
14	5714 DT	06:24:05	06:24:27	00:00:22	4,55	16,36	
15	3657 DS	06:24:51	06:25:06	00:00:15	6,67	24,00	
16	4029 RK	06:25:30	06:25:43	00:00:13	7,69	27,69	
17	5990 T	06:21:47	06:22:04	00:00:17	5,88	21,18	
18	4955 DB	06:22:09	06:22:24	00:00:15	6,67	24,00	
19	2158 DF	06:23:05	06:23:26	00:00:21	4,76	17,14	
20	3032 FB	06:29:25	06:29:47	00:00:22	4,55	16,36	
21	2113 B	06:29:45	06:30:06	00:00:21	4,76	17,14	
06.30-06.45	2209 NP	06:30:52	06:31:11	00:00:19	5,26	18,95	20,02
2	3651 DB	06:30:55	06:31:15	00:00:20	5,00	18,00	
3	6269 DG	06:35:10	06:35:32	00:00:22	4,55	16,36	
4	3928 DB	06:36:19	06:36:40	00:00:21	4,76	17,14	
5	6531 YK	06:36:48	06:37:09	00:00:21	4,76	17,14	
6	4923 KS	06:37:27	06:37:46	00:00:19	5,26	18,95	
7	4078 KV	06:37:56	06:38:17	00:00:21	4,76	17,14	
8	4471 KM	06:38:19	06:38:29	00:00:10	10,00	36,00	
9	5509 FK	06:38:39	06:38:57	00:00:18	5,56	20,00	
10	3536 MG	06:39:17	06:39:36	00:00:19	5,26	18,95	
11	3451 CA	06:41:26	06:41:38	00:00:12	8,33	30,00	
12	5170 LE	06:41:31	06:41:53	00:00:22	4,55	16,36	
13	2984 HB	06:43:05	06:43:24	00:00:19	5,26	18,95	
14	3085 YK	06:43:58	06:44:20	00:00:22	4,55	16,36	
15	2981 RG	06:44:27	06:44:45	00:00:18	5,56	20,00	
06.45-07.00	5466 RT	06:45:35	06:45:54	00:00:19	5,26	18,95	17,61
2	6620 JK	06:45:42	06:45:58	00:00:16	6,25	22,50	
3	5430 SK	06:46:03	06:46:28	00:00:25	4,00	14,40	
4	5019 DT	06:46:31	06:46:52	00:00:21	4,76	17,14	
5	4656 LB	06:46:53	06:47:15	00:00:22	4,55	16,36	
6	4607 AB	06:47:11	06:47:34	00:00:23	4,35	15,65	
7	4028 DK	06:47:25	06:47:46	00:00:21	4,76	17,14	
8	666 BK	06:47:53	06:48:13	00:00:20	5,00	18,00	
9	6592 SK	06:48:27	06:48:47	00:00:20	5,00	18,00	
10	6230 WK	06:49:11	06:49:35	00:00:24	4,17	15,00	
11	6305 CB	06:49:41	06:49:58	00:00:17	5,88	21,18	
12	2509 DB	06:50:15	06:50:36	00:00:21	4,76	17,14	
13	2099 BB	06:50:17	06:50:39	00:00:22	4,55	16,36	
14	4691 BH	06:50:21	06:50:47	00:00:26	3,85	13,85	
15	4799 LB	06:50:32	06:50:48	00:00:16	6,25	22,50	
16	3133 YK	06:50:52	06:51:15	00:00:23	4,35	15,65	
17	2706 AF	06:51:36	06:51:53	00:00:17	5,88	21,18	
18	5966 K	06:52:51	06:53:12	00:00:21	4,76	17,14	
19	3082 DF	06:52:57	06:53:19	00:00:22	4,55	16,36	
20	3271 AK	06:53:58	06:54:18	00:00:20	5,00	18,00	
21	6342 VK	06:54:39	06:54:58	00:00:19	5,26	18,95	
22	6963 YK	06:58:11	06:58:32	00:00:21	4,76	17,14	
23	6612 TB	06:59:24	06:59:46	00:00:22	4,55	16,36	
07.00-07.15	4886 KC	07:00:37	07:01:07	00:00:30	3,33	12,00	18,27
2	6497 QB	07:01:39	07:01:58	00:00:19	5,26	18,95	
3	5382 K	07:03:54	07:04:23	00:00:29	3,45	12,41	

4	2333 HD	07:04:36	07:04:56	00:00:20	5,00	18,00	
5	4689 RB	07:05:11	07:05:30	00:00:19	5,26	18,95	
6	2337 DS	07:05:52	07:06:10	00:00:18	5,56	20,00	
7	3797 DB	07:06:25	07:06:41	00:00:16	6,25	22,50	
8	4519 T	07:06:52	07:07:19	00:00:27	3,70	13,33	
9	3188 TT	07:08:25	07:08:44	00:00:19	5,26	18,95	
10	6295 DB	07:08:41	07:09:01	00:00:20	5,00	18,00	
11	5113 NT	07:08:51	07:09:10	00:00:19	5,26	18,95	
12	4764 AD	07:08:58	07:09:21	00:00:23	4,35	15,65	
13	5929 T	07:09:12	07:09:34	00:00:22	4,55	16,36	
14	5777 FN	07:10:07	07:10:28	00:00:21	4,76	17,14	
15	2772 FK	07:10:11	07:10:28	00:00:17	5,88	21,18	
16	4187 LK	07:10:17	07:10:35	00:00:18	5,56	20,00	
17	2895 GF	07:10:20	07:10:43	00:00:23	4,35	15,65	
18	3882 FK	07:10:23	07:10:40	00:00:17	5,88	21,18	
19	2854 FB	07:10:24	07:10:45	00:00:21	4,76	17,14	
20	6195 DA	07:12:11	07:12:33	00:00:22	4,55	16,36	
21	2469 GK	07:12:32	07:12:49	00:00:17	5,88	21,18	
22	5794 RK	07:12:51	07:13:13	00:00:22	4,55	16,36	
23	4740 RK	07:13:18	07:13:36	00:00:18	5,56	20,00	
24	4226 RK	07:13:39	07:13:55	00:00:16	6,25	22,50	
25	6084 D	07:14:14	07:14:29	00:00:15	6,67	24,00	
07.15-07.30	5726 VB	07:15:44	07:16:04	00:00:20	5,00	18,00	17,57
2	9600 B	07:16:47	07:17:06	00:00:19	5,26	18,95	
3	6479 BK	07:17:20	07:17:41	00:00:21	4,76	17,14	
4	9060 N	07:18:01	07:18:23	00:00:22	4,55	16,36	
5	3177 A	07:18:14	07:18:35	00:00:21	4,76	17,14	
6	3816 DS	07:18:21	07:18:44	00:00:23	4,35	15,65	
7	5945 B	07:18:42	07:19:07	00:00:25	4,00	14,40	
8	4284 SB	07:19:47	07:20:10	00:00:23	4,35	15,65	
9	5445 CK	07:20:21	07:20:41	00:00:20	5,00	18,00	
10	4698 CU	07:20:51	07:21:12	00:00:21	4,76	17,14	
11	5086 NK	07:21:12	07:21:31	00:00:19	5,26	18,95	
12	3550 FB	07:21:39	07:21:57	00:00:18	5,56	20,00	
13	4915 CT	07:22:24	07:22:42	00:00:18	5,56	20,00	
14	5672 SK	07:23:21	07:23:45	00:00:24	4,17	15,00	
15	3724 DS	07:24:35	07:24:57	00:00:22	4,55	16,36	
16	4038 LH	07:24:53	07:25:18	00:00:25	4,00	14,40	
17	6323 JK	07:25:41	07:26:03	00:00:22	4,55	16,36	
18	5325CT	07:25:51	07:26:10	00:00:19	5,26	18,95	
19	4012 FK	07:26:42	07:27:02	00:00:20	5,00	18,00	
20	5006 DT	07:26:59	07:27:18	00:00:19	5,26	18,95	
21	3625 NT	07:27:11	07:27:33	00:00:22	4,55	16,36	
22	4937 NK	07:28:27	07:28:45	00:00:18	5,56	20,00	
23	4291 TK	07:28:36	07:28:54	00:00:18	5,56	20,00	
24	3351 JH	07:28:41	07:29:02	00:00:21	4,76	17,14	
25	381 AB	07:28:47	07:29:05	00:00:18	5,56	20,00	
26	6459 LB	07:28:52	07:29:12	00:00:20	5,00	18,00	
07.30-07.45	H 2390 MN	07:30:11	07:30:30	00:00:19	4,17	15,00	18,43
2	2067 AG	07:31:53	07:32:17	00:00:24	4,17	15,00	

3	3147 SB	07:32:39	07:32:56	00:00:17	5,88	21,18	
4	6030 JK	07:33:28	07:33:47	00:00:19	5,26	18,95	
5	6962 AK	07:33:39	07:33:56	00:00:17	5,88	21,18	
6	5259 WK	07:33:57	07:34:18	00:00:21	4,76	17,14	
7	6097 JT	07:34:26	07:34:45	00:00:19	5,26	18,95	
8	4330 AS	07:34:42	07:34:59	00:00:17	5,88	21,18	
9	6586 AK	07:35:17	07:35:37	00:00:20	5,00	18,00	
10	5304 SH	07:35:24	07:35:43	00:00:19	5,26	18,95	
11	3884 PS	07:35:53	07:36:13	00:00:20	5,00	18,00	
12	2437 UF	07:37:14	07:37:36	00:00:22	4,55	16,36	
13	3968 VS	07:38:38	07:38:56	00:00:18	5,56	20,00	
14	3627 AB	07:38:52	07:39:10	00:00:18	5,56	20,00	
15	6125 VB	07:39:19	07:39:40	00:00:21	4,76	17,14	
16	200 MN	07:40:04	07:40:25	00:00:21	4,76	17,14	
17	6866 DK	07:40:41	07:41:59	00:01:18	5,56	20,00	
18	5083 HS	07:41:32	07:41:50	00:00:18	5,56	20,00	
19	3594 VE	07:41:51	07:42:11	00:00:20	5,00	18,00	
20	4651 KK	07:42:29	07:42:51	00:00:22	4,55	16,36	
07.45-08.00	4001 NP	07:45:17	07:45:33	00:00:16	6,25	22,50	18,29
2	3467 WK	07:45:36	07:45:58	00:00:22	4,55	16,36	
3	B 3671 AM	07:45:53	07:46:12	00:00:19	5,26	18,95	
4	5307 LK	07:46:22	07:46:41	00:00:19	5,26	18,95	
5	2401 SB	07:48:06	07:48:22	00:00:16	6,25	22,50	
6	3782 NB	07:48:21	07:48:42	00:00:21	4,76	17,14	
7	4327 GK	07:48:39	07:48:55	00:00:16	6,25	22,50	
8	4331 UH	07:49:57	07:50:43	00:00:46	2,17	7,83	
9	2180 UC	07:51:35	07:51:57	00:00:22	4,55	16,36	
10	3695 WK	07:51:39	07:51:56	00:00:17	5,88	21,18	
11	3001 PG	07:51:49	07:52:07	00:00:18	5,56	20,00	
12	4553 DT	07:51:59	07:52:16	00:00:17	5,88	21,18	
13	3753 VA	07:53:55	07:54:14	00:00:19	5,26	18,95	
14	3980 HN	07:54:10	07:54:31	00:00:21	4,76	17,14	
15	4334 HN	07:54:12	07:54:36	00:00:24	4,17	15,00	
16	5052 MK	07:55:01	07:55:21	00:00:20	5,00	18,00	
17	6988 EF	07:56:54	07:57:16	00:00:22	4,55	16,36	
18	2824 FB	07:57:11	07:57:32	00:00:21	4,76	17,14	
19	2416 MD	07:57:22	07:57:40	00:00:18	5,56	20,00	
20	4705 MT	07:58:22	07:58:43	00:00:21	4,76	17,14	
21	3973 MG	07:59:20	07:59:39	00:00:19	5,26	18,95	
08.00-08.15	4475 DB	08:00:04	08:00:23	00:00:19	5,26	18,95	17,14
2	4890 H	08:00:12	08:00:32	00:00:20	5,00	18,00	
3	3462 KT	08:00:54	08:01:38	00:00:44	2,27	8,18	
4	4868 N	08:03:47	08:04:09	00:00:22	4,55	16,36	
5	4568 AK	08:03:52	08:04:13	00:00:21	4,76	17,14	
6	2664 FG	08:05:09	08:05:31	00:00:22	4,55	16,36	
7	4176 GL	08:05:14	08:05:33	00:00:19	5,26	18,95	
8	2024 LC	08:05:27	08:05:49	00:00:22	4,55	16,36	
9	5585 FK	08:05:41	08:05:59	00:00:18	5,56	20,00	
10	4557 WG	08:05:59	08:06:21	00:00:22	4,55	16,36	
11	4761 HB	08:06:59	08:07:23	00:00:24	4,17	15,00	

12	5834 JT	08:07:59	08:08:16	00:00:17	5,88	21,18	
13	4790 S	08:10:19	08:10:40	00:00:21	4,76	17,14	
14	3008 LH	08:12:37	08:12:55	00:00:18	5,56	20,00	
15	5371 AT	08:13:08	08:13:29	00:00:21	4,76	17,14	
08.15-08.30	6080 UC	08:15:18	08:15:37	00:00:19	5,26	18,95	25,67
2	3316 BT	08:15:23	08:15:44	00:00:21	4,76	17,14	
3	4908 FT	08:15:27	08:15:47	00:00:20	5,00	18,00	
4	5140 JS	08:15:31	08:15:48	00:00:17	5,88	21,18	
5	6911 MB	08:15:31	08:15:50	00:00:19	5,26	18,95	
6	2125 P	08:15:42	08:15:54	00:00:12	8,33	30,00	
7	3462 GT	08:15:49	08:15:57	00:00:08	12,50	45,00	
8	2290 PF	08:15:52	08:15:58	00:00:06	16,67	60,00	
9	6838 JB	08:15:53	08:15:59	00:00:06	16,67	60,00	
10	6361 MB	08:19:18	08:19:36	00:00:18	5,56	20,00	
11	5838 DT	08:19:27	08:19:45	00:00:18	5,56	20,00	
12	4732 VA	08:23:37	08:23:53	00:00:16	6,25	22,50	
13	5572 KD	08:25:06	08:25:32	00:00:26	3,85	13,85	
14	4694 JT	08:26:45	08:27:02	00:00:17	5,88	21,18	
15	4867 BB	08:26:55	08:27:13	00:00:18	5,56	20,00	
16	3986 KK	08:27:14	08:27:36	00:00:22	4,55	16,36	
17	680 DB	08:27:28	08:27:47	00:00:19	5,26	18,95	
18	4693 PD	08:29:16	08:29:34	00:00:18	5,56	20,00	
08.30-08.45	3265 NT	08:30:28	08:30:45	00:00:17	5,88	21,18	19,85
2	B 6856 LR	08:32:06	08:32:20	00:00:14	7,14	25,71	
3	4702 AB	08:32:19	08:32:36	00:00:17	5,88	21,18	
4	4055 J	08:33:07	08:33:26	00:00:19	5,26	18,95	
5	6307 WB	08:35:08	08:35:29	00:00:21	4,76	17,14	
6	3045 AB	08:35:26	08:35:47	00:00:21	4,76	17,14	
7	5171 AU	08:36:12	08:36:31	00:00:19	5,26	18,95	
8	5372 VS	08:36:29	08:36:45	00:00:16	6,25	22,50	
9	2827 DA	08:37:59	08:38:20	00:00:21	4,76	17,14	
10	4557 GH	08:38:32	08:38:52	00:00:20	5,00	18,00	
11	5600 VK	08:38:38	08:38:53	00:00:15	6,67	24,00	
12	6182 VK	08:38:42	08:38:57	00:00:15	6,67	24,00	
13	6119 KB	08:38:52	08:39:10	00:00:18	5,56	20,00	
14	4623 OQ	08:39:58	08:40:18	00:00:20	5,00	18,00	
15	4561 QA	08:40:13	08:40:35	00:00:22	4,55	16,36	
16	6916 VB	08:40:26	08:40:44	00:00:18	5,56	20,00	
17	3539 BR	08:40:57	08:41:13	00:00:16	6,25	22,50	
18	6871 NB	08:41:57	08:42:15	00:00:18	5,56	20,00	
19	6336 BK	08:42:23	08:42:42	00:00:19	5,26	18,95	
20	2826 CT	08:43:12	08:43:33	00:00:21	4,76	17,14	
21	4301 RK	08:44:06	08:44:26	00:00:20	5,00	18,00	
08.45-09.00	5568 AB	08:45:48	08:46:08	00:00:20	5,00	18,00	19,01
2	2907 GP	08:46:11	08:46:32	00:00:21	4,76	17,14	
3	6782 VP	08:46:48	08:47:10	00:00:22	4,55	16,36	
4	3962 CK	08:48:11	08:48:28	00:00:17	5,88	21,18	
5	2060 GH	08:48:47	08:49:06	00:00:19	5,26	18,95	
6	3297 CT	08:49:26	08:49:44	00:00:18	5,56	20,00	
7	4588 A	08:50:07	08:50:25	00:00:18	5,56	20,00	

8	6467 GK	08:50:31	08:50:50	00:00:19	5,26	18,95	
9	3880 LS	08:51:18	08:51:37	00:00:19	5,26	18,95	
10	6609 WB	08:53:33	08:53:51	00:00:18	5,56	20,00	
11	4404 TK	08:53:57	08:54:19	00:00:22	4,55	16,36	
12	5757 HD	08:54:53	08:55:15	00:00:22	4,55	16,36	
13	3234 D	08:55:02	08:55:18	00:00:16	6,25	22,50	
14	6812 BK	08:55:32	08:55:49	00:00:17	5,88	21,18	
15	3224 DF	08:56:51	08:57:06	00:00:15	6,67	24,00	
16	3597 VK	08:56:51	08:57:06	00:00:15	6,67	24,00	
17	3088 PD	08:57:54	08:58:16	00:00:22	4,55	16,36	
18	2625 CB	08:57:54	08:58:27	00:00:33	3,03	10,91	
19	6490 VB	08:59:12	08:59:30	00:00:18	5,56	20,00	
09.00-09.15	5115 BK	09:01:23	09:01:38	00:00:15	6,67	24,00	22,99
2	5103 AB	09:02:07	09:02:25	00:00:18	5,56	20,00	
3	4226 DR	09:02:37	09:02:53	00:00:16	6,25	22,50	
4	3881 HT	09:03:33	09:03:50	00:00:17	5,88	21,18	
5	3017 HT	09:04:24	09:04:41	00:00:17	5,88	21,18	
6	4805 KT	09:05:38	09:05:52	00:00:14	7,14	25,71	
7	5578 NT	09:05:56	09:06:15	00:00:19	5,26	18,95	
8	6299 NP	09:06:55	09:07:13	00:00:18	5,56	20,00	
9	6903 AK	09:08:57	09:09:15	00:00:18	5,56	20,00	
10	6911 HB	09:09:34	09:09:50	00:00:16	6,25	22,50	
11	4785 NT	09:11:19	09:11:38	00:00:19	5,26	18,95	
12	5254 MH	09:11:53	09:12:12	00:00:19	5,26	18,95	
13	6761 ND	09:12:23	09:12:40	00:00:17	5,88	21,18	
14	6444 FK	09:13:12	09:13:22	00:00:10	10,00	36,00	
15	5253 WF	09:14:28	09:14:43	00:00:15	6,67	24,00	
16	3144 RK	09:14:48	09:14:59	00:00:11	9,09	32,73	
09.15-09.30	3712 TS	09:16:39	09:16:58	00:00:19	5,26	18,95	15,63
2	5606 T	09:21:18	09:21:58	00:00:40	2,50	9,00	
3	5089 AL	09:22:14	09:22:30	00:00:16	6,25	22,50	
4	4615 JH	09:23:00	09:23:35	00:00:35	2,86	10,29	
5	6519 LB	09:23:54	09:24:19	00:00:25	4,00	14,40	
6	4400 HF	09:24:07	09:24:27	00:00:20	5,00	18,00	
7	4483 WS	09:24:21	09:24:42	00:00:21	4,76	17,14	
8	4001 NT	09:25:54	09:26:20	00:00:26	3,85	13,85	
9	3464 FK	09:26:17	09:26:41	00:00:24	4,17	15,00	
10	3949 BB	09:27:17	09:27:38	00:00:21	4,76	17,14	
09.30-09.45	5967 HK	09:29:54	09:30:21	00:00:27	3,70	13,33	18,12
2	2922 BB	09:32:26	09:32:44	00:00:18	5,56	20,00	
3	6501 GB	09:34:07	09:34:39	00:00:32	3,13	11,25	
4	2008 EF	09:35:42	09:35:59	00:00:17	5,88	21,18	
5	6225 YG	09:36:30	09:36:54	00:00:24	4,17	15,00	
6	5055 YK	09:37:11	09:37:30	00:00:19	5,26	18,95	
7	3882 EK	09:39:19	09:39:38	00:00:19	5,26	18,95	
8	2025 G	09:42:54	09:43:13	00:00:19	5,26	18,95	
9	3128 CU	09:44:23	09:44:43	00:00:20	5,00	18,00	
10	5316 RK	09:44:34	09:44:50	00:00:16	6,25	22,50	
11	B 3820 RK	09:44:47	09:45:04	00:00:17	5,88	21,18	
09.45-10.00	6214 KK	09:45:26	09:45:43	00:00:17	5,88	21,18	19,75

2	6752 K	09:45:44	09:45:59	00:00:15	6,67	24,00	
3	3623 QG	09:46:07	09:46:26	00:00:19	5,26	18,95	
4	6973 BK	09:47:12	09:47:29	00:00:17	5,88	21,18	
5	5058 WG	09:47:39	09:47:59	00:00:20	5,00	18,00	
6	5089 FE	09:47:54	09:48:12	00:00:18	5,56	20,00	
7	2397 B	09:48:47	09:49:06	00:00:19	5,26	18,95	
8	3079 VK	09:48:53	09:49:13	00:00:20	5,00	18,00	
9	2025 WC	09:48:55	09:49:15	00:00:20	5,00	18,00	
10	3245 K	09:52:41	09:52:59	00:00:18	5,56	20,00	
11	4817 DR	09:58:19	09:58:37	00:00:18	5,26	18,95	
14.00-14.15	5955 KT	14:00:23	14:00:49	00:00:26	3,85	13,85	17,89
2	5801 SS	14:03:39	14:03:59	00:00:20	5,00	18,00	
3	6071 HG	14:06:40	14:07:02	00:00:22	4,55	16,36	
4	5024 SK	14:08:00	14:08:19	00:00:19	5,26	18,95	
5	6224 WG	14:08:42	14:09:03	00:00:21	4,76	17,14	
6	2143 PK	14:10:09	14:10:32	00:00:23	4,17	15,00	
7	5106 AU	14:11:37	14:11:54	00:00:17	5,88	21,18	
8	2788 SB	14:12:42	14:12:58	00:00:16	6,25	22,50	
9	5758 WG	14:14:01	14:14:21	00:00:20	5,00	18,00	
14.15-14.30	4353 DA	14:17:40	14:17:55	00:00:15	6,67	24,00	23,75
2	5458 SB	14:18:18	14:18:37	00:00:19	5,26	18,95	
3	4430 AS	14:18:51	14:19:06	00:00:15	6,67	24,00	
4	2648 LP	14:19:14	14:19:32	00:00:18	5,56	20,00	
5	2037 SG	14:24:07	14:24:17	00:00:10	10,00	36,00	
6	4151 AB	14:24:38	14:24:53	00:00:15	6,67	24,00	
7	5011 LT	14:24:52	14:25:05	00:00:13	7,69	27,69	
8	5921 CB	14:25:19	14:25:39	00:00:20	5,00	18,00	
9	5250 VK	14:26:52	14:27:06	00:00:14	7,14	25,71	
10	2037 NB	14:27:39	14:27:52	00:00:13	7,69	27,69	
11	3331 HP	14:26:52	14:27:10	00:00:18	5,56	20,00	
12	6699 CD	14:29:12	14:29:31	00:00:19	5,26	18,95	
14.30-14.45	3932 MS	14:31:25	14:31:42	00:00:17	5,88	21,18	21,36
2	5202 CG	14:32:14	14:32:29	00:00:15	6,67	24,00	
3	9640 AB	14:33:25	14:33:43	00:00:18	5,56	20,00	
4	6560 BF	14:35:07	14:35:21	00:00:14	7,14	25,71	
5	2788 BB	14:38:00	14:38:24	00:00:24	4,17	15,00	
6	5717 CV	14:38:26	14:38:44	00:00:18	5,56	20,00	
7	2220 TB	14:38:32	14:38:55	00:00:23	4,35	15,65	
8	5490 TF	14:40:59	14:41:07	00:00:08	12,50	45,00	
9	6740 D	14:41:21	14:41:40	00:00:19	5,26	18,95	
10	2220 VG	14:42:10	14:42:32	00:00:22	4,55	16,36	
11	6823 JK	14:42:34	14:42:52	00:00:18	5,56	20,00	
12	6828 NB	14:43:28	14:43:45	00:00:17	5,88	21,18	
13	3411 KT	14:44:10	14:44:30	00:00:20	5,00	18,00	
14	2853 WK	14:44:49	14:45:09	00:00:20	5,00	18,00	
14.45-15.00	5251 CK	14:45:20	14:45:39	00:00:19	5,26	18,95	19,52
2	4441 BD	14:46:12	14:46:30	00:00:18	5,56	20,00	

3	5434 BK	14:47:15	14:47:32	00:00:17	5,88	21,18	
4	6474 DL	14:48:40	14:48:58	00:00:18	5,56	20,00	
5	3933 AG	14:49:30	14:49:49	00:00:19	5,26	18,95	
6	4331 RB	14:50:22	14:50:43	00:00:21	4,76	17,14	
7	4535 SG	14:51:46	14:52:06	00:00:20	5,00	18,00	
8	6046 WD	14:52:51	14:53:10	00:00:19	5,26	18,95	
9	4820 AR	14:53:28	14:53:43	00:00:15	6,67	24,00	
10	6123 TB	14:54:19	14:54:37	00:00:18	5,56	20,00	
11	5608 FT	14:54:36	14:54:55	00:00:19	5,26	18,95	
12	2055 MT	14:55:11	14:55:28	00:00:17	5,88	21,18	
13	3091 HT	14:55:56	14:56:19	00:00:23	4,35	15,65	
14	3951 QS	14:57:06	14:57:28	00:00:22	4,55	16,36	
15	2406 LP	14:57:44	14:58:00	00:00:16	6,25	22,50	
16	5690 ET	14:58:40	14:58:58	00:00:18	5,56	20,00	
17	6914 TO	15:58:41	15:58:59	00:00:18	5,56	20,00	
15.00-15.15	5324 ET	15:00:15	15:00:25	00:00:10	10,00	36,00	19,71
2	4046 D	15:01:41	15:01:59	00:00:18	5,56	20,00	
3	4912 DR	15:02:39	15:02:54	00:00:15	6,67	24,00	
4	5582 SB	15:02:53	15:03:10	00:00:17	5,88	21,18	
5	2166 DL	15:03:29	15:03:54	00:00:25	4,00	14,40	
6	4661 VK	15:04:15	15:04:35	00:00:20	5,00	18,00	
7	2379 DB	15:04:33	15:04:51	00:00:18	5,56	20,00	
8	4786 BK	15:05:02	15:05:25	00:00:23	4,35	15,65	
9	3402 VK	15:07:04	15:07:26	00:00:22	4,55	16,36	
10	2655 HB	15:07:21	15:07:36	00:00:15	6,67	24,00	
11	5145 HK	15:07:58	15:08:22	00:00:24	4,17	15,00	
12	2471 DB	15:08:57	15:09:14	00:00:17	5,88	21,18	
13	4902 PB	15:09:25	15:09:48	00:00:23	4,35	15,65	
14	4900 VG	15:10:02	15:10:26	00:00:24	4,17	15,00	
15	6504 FK	15:10:41	15:10:58	00:00:17	5,88	21,18	
16	3077 EF	15:11:20	15:11:44	00:00:24	4,17	15,00	
17	5883 FP	15:11:35	15:11:57	00:00:22	4,55	16,36	
18	3382 BU	15:12:06	15:12:24	00:00:18	5,56	20,00	
19	2516 DB	15:12:28	15:12:50	00:00:22	4,55	16,36	
20	4049 WK	15:13:46	15:13:59	00:00:13	7,69	27,69	
21	2545 DB	15:13:56	15:14:12	00:00:16	6,25	22,50	
22	4522 DP	15:14:37	15:14:57	00:00:20	5,00	18,00	
15.15-15.30	4475 DG	15:15:32	15:15:48	00:00:16	6,25	22,50	21,24
2	3949 CB	15:15:57	15:16:12	00:00:15	6,67	24,00	
3	4001 B	15:19:15	15:19:31	00:00:16	6,25	22,50	
4	4068 DB	15:20:20	15:20:39	00:00:19	5,26	18,95	
5	5686 LB	15:23:47	15:24:09	00:00:22	4,55	16,36	
6	3747 DP	15:27:24	15:27:38	00:00:14	7,14	25,71	
7	5767 SM	15:27:56	15:28:14	00:00:18	5,56	20,00	
8	4444 UT	15:28:24	15:28:39	00:00:15	6,67	24,00	
9	5009 YK	15:28:49	15:29:10	00:00:21	4,76	17,14	
15.30-15.45	5491 NT	15:29:48	15:30:03	00:00:15	6,67	24,00	22,98
2	4541 R	15:31:03	15:31:17	00:00:14	7,14	25,71	
3	3881 HT	15:33:25	15:33:39	00:00:14	7,14	25,71	
4	2795 MC	15:33:38	15:33:52	00:00:14	7,14	25,71	

5	5781 AA	15:35:31	15:35:48	00:00:17	5,88	21,18	
6	2774 AB	15:36:51	15:37:08	00:00:17	5,88	21,18	
7	42 87 ES	15:38:21	15:38:38	00:00:17	5,88	21,18	
8	378 CS	15:39:32	15:39:50	00:00:18	5,56	20,00	
9	36606 YK	15:40:05	15:40:23	00:00:18	5,56	20,00	
10	5620AR	15:40:23	15:40:40	00:00:17	5,88	21,18	
11	6175 AB	15:40:49	15:41:02	00:00:13	7,69	27,69	
12	3885 BK	15:41:43	15:41:59	00:00:16	6,25	22,50	
13	3298 HB	15:42:35	15:42:50	00:00:15	6,67	24,00	
14	5259 PB	15:43:26	15:43:44	00:00:18	5,56	20,00	
15	3665 WG	15:44:06	15:44:24	00:00:18	5,56	20,00	
16	5484 ZC	15:44:46	15:44:59	00:00:13	7,69	27,69	
15.45-16.00	2893 CR	15:45:29	15:45:45	00:00:16	6,25	22,50	21,96
2	3177 YK	15:46:08	15:46:23	00:00:15	6,67	24,00	
3	3417 HK	15:46:32	15:46:49	00:00:17	5,88	21,18	
4	5189 PK	15:47:30	15:47:48	00:00:18	5,56	20,00	
5	2051 KB	15:48:00	15:48:19	00:00:19	5,26	18,95	
6	4127 B	15:49:00	15:49:14	00:00:14	7,14	25,71	
7	5309 BV	15:49:43	15:50:00	00:00:17	5,88	21,18	
8	4905 CB	15:50:16	15:50:32	00:00:16	6,25	22,50	
9	8501 YB	15:51:28	15:51:43	00:00:15	6,67	24,00	
10	4527 BT	15:51:41	15:51:57	00:00:16	6,25	22,50	
11	5328 K	15:52:04	15:52:22	00:00:18	5,56	20,00	
12	5728 PG	15:52:50	15:53:07	00:00:17	5,88	21,18	
13	5015 HK	15:53:04	15:53:18	00:00:14	7,14	25,71	
14	4363 DT	15:53:20	15:53:33	00:00:13	7,69	27,69	
15	3617 YB	15:53:53	15:54:10	00:00:17	5,88	21,18	
16	4635 YT	15:54:33	15:54:52	00:00:19	5,26	18,95	
17	3045 LT	15:55:24	15:55:41	00:00:17	5,88	21,18	
18	4055 HT	15:56:24	15:56:41	00:00:17	5,88	21,18	
19	5344 AF	15:57:11	15:57:30	00:00:19	5,26	18,95	
20	4226 HS	15:58:10	15:58:28	00:00:18	5,56	20,00	
21	3885 KT	15:58:55	15:59:09	00:00:14	7,14	25,71	
22	4758 CR	15:59:40	15:59:59	00:00:19	5,26	18,95	

Hari / Tanggal : Selasa / 29 Agustus 2006
Surveyor : Joko Susilo, Joko, Purwanto, Endar
Arah Arus : Wonogiri - Solo
Jenis Kendaraan : LV
Jarak : 100 m

Waktu	Kend ke-	Waktu kendaraan (detik)		Waktu tempuh (detik) (1)	Kecepatan		Kecepatan rata-rata (Vt) km/jam
		Masuk	Keluar		m/dt	km/jam	
					(2)= 50/(1)	(3) = (2)*3,6	
06.00-06.15	1597 CA	06:00:58	06:01:07	00:00:09	11,11	40,00	33,67
2	1509 AB	06:01:34	06:01:44	00:00:10	10,00	36,00	
3	8737 AB	06:02:17	06:02:27	00:00:10	10,00	36,00	
4	9162 MB	06:03:34	06:03:45	00:00:11	9,09	32,73	
5	8510 DG	06:03:54	06:04:09	00:00:15	6,67	24,00	

6	8653 EG	06:04:32	06:04:38	00:00:06	16,67	60,00	
7	7777 AB	06:04:48	06:04:59	00:00:11	9,09	32,73	
8	1881 SB	06:07:03	06:07:18	00:00:15	6,67	24,00	
9	1653 RS	06:07:14	06:07:23	00:00:09	11,11	40,00	
10	B 8949 ZF	06:08:44	06:08:55	00:00:11	9,09	32,73	
11	6 B	06:08:50	06:09:02	00:00:12	8,33	30,00	
12	7491 SG	06:09:16	06:09:27	00:00:11	9,09	32,73	
13	8053 FB	06:10:08	06:10:18	00:00:10	10,00	36,00	
14	9569 LG	06:10:14	06:10:24	00:00:10	10,00	36,00	
15	7267 DG	06:10:24	06:10:37	00:00:13	7,69	27,69	
16	L 2565 H	06:10:46	06:10:59	00:00:13	7,69	27,69	
17	B 8983 ON	06:11:23	06:11:36	00:00:13	7,69	27,69	
18	7446 AA	06:11:48	06:11:58	00:00:10	10,00	36,00	
19	8098 GB	06:13:01	06:13:14	00:00:13	7,69	27,69	
06.15-06.30	8845 LK	06:15:05	06:15:10	00:00:05	20,00	72,00	33,43
2	8118 KT	06:16:05	06:16:16	00:00:11	9,09	32,73	
3	7607 CB	06:16:37	06:16:49	00:00:12	8,33	30,00	
4	B 1173 KY	06:17:48	06:18:02	00:00:14	7,14	25,71	
5	1012 AB	06:18:48	06:18:56	00:00:08	12,50	45,00	
6	8917 MB	06:19:00	06:19:13	00:00:13	7,69	27,69	
7	1462 AB	06:19:17	06:19:24	00:00:07	14,29	51,43	
8	9340 A	06:21:07	06:21:19	00:00:12	8,33	30,00	
9	30 B	06:23:34	06:23:45	00:00:11	9,09	32,73	
10	1786 B	06:26:07	06:26:20	00:00:13	7,69	27,69	
11	8747 YA	06:26:13	06:26:22	00:00:09	11,11	40,00	
12	1030 AB	06:26:33	06:26:41	00:00:08	12,50	45,00	
13	8487 FF	06:26:42	06:26:53	00:00:11	9,09	32,73	
14	1082 AB	06:27:10	06:27:25	00:00:15	6,67	24,00	
15	7193 SB	06:27:26	06:27:40	00:00:14	7,14	25,71	
16	14 B	06:27:48	06:27:59	00:00:11	9,09	32,73	
17	AA 212 AH	06:28:03	06:28:13	00:00:10	10,00	36,00	
18	9506 B	06:28:25	06:28:40	00:00:15	6,67	24,00	
19	9119 YT	06:29:14	06:29:30	00:00:16	6,25	22,50	
20	7061 HB	06:29:28	06:29:45	00:00:17	5,88	21,18	
21	914 B	06:29:32	06:29:47	00:00:15	6,67	24,00	
22	7471 DG	06:29:48	06:29:58	00:00:10	10,00	36,00	
23	1091 AB	06:29:55	06:30:07	00:00:12	8,33	30,00	
06.30-06.45	8696 DG	06:30:00	06:30:18	00:00:18	5,56	20,00	28,66
2	9157 DG	06:30:05	06:30:20	00:00:15	6,67	24,00	
3	8729 B	06:30:13	06:30:25	00:00:12	8,33	30,00	
4	7227 VS	06:30:41	06:30:52	00:00:11	9,09	32,73	
5	1064 AB	06:31:15	06:31:30	00:00:15	6,67	24,00	
6	8872E	06:31:18	06:31:31	00:00:13	7,69	27,69	
7	1461 AB	06:31:30	06:31:38	00:00:08	12,50	45,00	
8	1174 AB	06:31:35	06:31:52	00:00:17	5,88	21,18	
9	1520 EG	06:32:20	06:32:38	00:00:18	5,56	20,00	
10	59 B	06:32:30	06:32:41	00:00:11	9,09	32,73	
11	1663 AG	06:32:37	06:32:51	00:00:14	7,14	25,71	
12	DS 1502 PP	06:33:28	06:33:46	00:00:18	5,56	20,00	
13	1023 B	06:33:57	06:34:08	00:00:11	9,09	32,73	

14	1435 AB	06:34:32	06:34:43	00:00:11	9,09	32,73	
15	1182 AB	06:34:40	06:34:54	00:00:14	7,14	25,71	
16	1586 PY	06:34:52	06:35:02	00:00:10	10,00	36,00	
17	2506 GW	06:35:33	06:35:42	00:00:09	11,11	40,00	
18	1538 AG	06:36:13	06:36:30	00:00:17	5,88	21,18	
19	1748 AG	06:36:15	06:36:36	00:00:21	4,76	17,14	
20	103 B	06:36:57	06:37:06	00:00:09	11,11	40,00	
21	8424 B	06:37:45	06:37:57	00:00:12	8,33	30,00	
22	1951 B	06:37:50	06:37:57	00:00:07	14,29	51,43	
23	2757 AB	06:43:01	06:43:40	00:00:39	2,56	9,23	
06.45-07.00	4020 TG	06:45:08	06:45:20	00:00:12	8,33	30,00	30,88
2	3651 G	06:45:21	06:45:30	00:00:09	8,33	30,00	
3	5845 AB	06:45:39	06:45:51	00:00:12	8,33	30,00	
4	6217 DR	06:46:02	06:46:13	00:00:11	7,69	27,69	
5	3243 WG	06:46:17	06:46:29	00:00:12	9,09	32,73	
6	5251 BA	06:47:30	06:47:42	00:00:12	8,33	30,00	
7	1430 CA	06:48:20	06:48:32	00:00:12	8,33	30,00	
8	6424 T	06:49:05	06:49:16	00:00:11	9,09	32,73	
9	5562 AD	06:49:49	06:49:58	00:00:09	11,11	40,00	
10	8001 G	06:50:02	06:50:13	00:00:11	9,09	32,73	
11	2539 CT	06:50:28	06:50:42	00:00:14	7,14	25,71	
12	4325 EB	06:51:39	06:51:56	00:00:17	5,88	21,18	
13	2002 G	06:52:11	06:52:24	00:00:13	7,69	27,69	
14	3221 LB	06:56:40	06:56:51	00:00:11	9,09	32,73	
15	2458 F	06:58:40	06:58:49	00:00:09	11,11	40,00	
07.00-07.15	7128 EG	07:01:23	07:01:34	00:00:11	9,09	32,73	30,89
2	1464 AB	07:01:25	07:01:32	00:00:07	14,29	51,43	
3	1471 AG	07:02:14	07:02:23	00:00:09	11,11	40,00	
4	B 1645	07:02:16	07:02:44	00:00:28	3,57	12,86	
5	1701 TG	07:02:32	07:02:45	00:00:13	7,69	27,69	
6	7388 CE	07:02:42	07:02:59	00:00:17	5,88	21,18	
7	1022 AB	07:02:55	07:03:10	00:00:15	6,67	24,00	
8	919 B	07:02:55	07:03:05	00:00:10	10,00	36,00	
9	1542 DG	07:03:00	07:03:19	00:00:19	5,26	18,95	
10	9346 FG	07:04:01	07:04:09	00:00:08	12,50	45,00	
11	9507 LD	07:05:02	07:05:17	00:00:15	6,67	24,00	
12	2625 B	07:05:50	07:06:01	00:00:11	9,09	32,73	
13	1185 AB	07:06:16	07:06:27	00:00:11	9,09	32,73	
14	7293 HB	07:06:20	07:06:35	00:00:15	6,67	24,00	
15	9506 SB	07:07:42	07:07:55	00:00:13	7,69	27,69	
16	B 2375 YW	07:08:13	07:08:24	00:00:11	9,09	32,73	
17	32 B	07:09:04	07:09:08	00:00:04	25,00	90,00	
18	8506 CB	07:09:24	07:09:37	00:00:13	7,69	27,69	
19	8680 G	07:09:39	07:09:56	00:00:17	5,88	21,18	
20	1589 AD	07:09:53	07:10:05	00:00:12	8,33	30,00	
21	8125 BA	07:10:50	07:11:00	00:00:10	10,00	36,00	
22	1510 EG	07:11:00	07:11:10	00:00:10	10,00	36,00	
23	8080 KK	07:11:10	07:11:24	00:00:14	7,14	25,71	
24	1489 AB	07:11:27	07:11:40	00:00:13	7,69	27,69	
25	9009 UU	07:11:45	07:11:56	00:00:11	9,09	32,73	

26	9027 NH	07:12:26	07:12:39	00:00:13	7,69	27,69	
27	B 7698 GW	07:12:29	07:12:51	00:00:22	4,55	16,36	
28	8433 KB	07:13:30	07:13:51	00:00:21	4,76	17,14	
29	8352 DD	07:14:14	07:14:29	00:00:15	6,67	24,00	
07.15-07.30	8733 PG	07:15:25	07:15:40	00:00:15	6,67	24,00	34,45
2	H 7269 TH	07:16:12	07:16:24	00:00:12	8,33	30,00	
3	1968 B	07:16:33	07:16:45	00:00:12	8,33	30,00	
4	11 B	07:17:09	07:17:18	00:00:09	11,11	40,00	
5	1059 AB	07:17:49	07:17:56	00:00:07	14,29	51,43	
6	8279 AA	07:18:00	07:18:09	00:00:09	11,11	40,00	
7	H 8889 RH	07:18:20	07:18:30	00:00:10	10,00	36,00	
8	8427 PG	07:18:30	07:18:50	00:00:20	5,00	18,00	
9	B 1427 PH	07:18:53	07:19:01	00:00:08	12,50	45,00	
10	1483 AB	07:19:05	07:19:10	00:00:05	20,00	72,00	
11	2783 B	07:19:10	07:19:20	00:00:10	10,00	36,00	
12	9284 F	07:19:59	07:20:11	00:00:12	8,33	30,00	
13	9064 GB	07:20:59	07:21:11	00:00:12	8,33	30,00	
14	AE 7463 H	07:21:15	07:21:24	00:00:09	11,11	40,00	
15	1703 PB	07:21:47	07:21:59	00:00:12	8,33	30,00	
16	88 B	07:22:22	07:22:34	00:00:12	8,33	30,00	
17	9015 PB	07:22:39	07:22:50	00:00:11	9,09	32,73	
18	AG 2275 RH	07:22:52	07:23:01	00:00:09	11,11	40,00	
19	H 8135 LS	07:23:21	07:23:35	00:00:14	7,14	25,71	
20	1592 DG	07:23:33	07:23:54	00:00:21	4,76	17,14	
21	AB 7808 FB	07:25:22	07:25:33	00:00:11	9,09	32,73	
22	42 B	07:27:10	07:27:23	00:00:13	7,69	27,69	
23	54 B	07:28:21	07:28:33	00:00:12	8,33	30,00	
24	1750 JS	07:29:19	07:29:30	00:00:11	9,09	32,73	
25	1816 MB	07:29:51	07:30:00	00:00:09	11,11	40,00	
07.30-07.45	1833 AB	07:31:13	07:31:23	00:00:10	10,00	36,00	36,47
2	1438 AA	07:31:36	07:31:48	00:00:12	8,33	30,00	
3	8641 CK	07:31:58	07:32:05	00:00:07	14,29	51,43	
4	9048 KB	07:32:22	07:32:33	00:00:11	9,09	32,73	
5	1967	07:32:25	07:32:44	00:00:19	5,26	18,95	
6	2523 B	07:32:57	07:33:16	00:00:19	5,26	18,95	
7	1571 AB	07:33:10	07:33:20	00:00:10	10,00	36,00	
8	2757 B	07:33:25	07:33:35	00:00:10	10,00	36,00	
9	7145 AA	07:36:31	07:36:39	00:00:08	12,50	45,00	
10	7825 EF	07:37:05	07:37:14	00:00:09	11,11	40,00	
11	1707 RB	07:37:59	07:38:09	00:00:10	10,00	36,00	
12	9344 GH	07:38:48	07:39:03	00:00:15	6,67	24,00	
13	7007 ZG	07:39:48	07:39:56	00:00:08	12,50	45,00	
14	8421 FB	07:40:17	07:40:26	00:00:09	11,11	40,00	
15	8455 DC	07:40:27	07:40:38	00:00:11	9,09	32,73	
16	1498 EG	07:40:40	07:40:46	00:00:06	16,67	60,00	
17	1491 AB	07:40:50	07:41:10	00:00:20	5,00	18,00	
18	59 G	07:41:13	07:41:24	00:00:11	9,09	32,73	
19	1679 AG	07:41:53	07:42:04	00:00:11	9,09	32,73	
20	8392 EA	07:42:38	07:42:46	00:00:08	12,50	45,00	
21	1099 AB	07:43:07	07:43:22	00:00:15	6,67	24,00	

22	7236 HB	07:44:08	07:44:17	00:00:09	11,11	40,00	
23	26 B	07:44:39	07:44:45	00:00:06	16,67	60,00	
24	9009 NF	07:44:50	07:44:59	00:00:09	11,11	40,00	
07.45-08.00	9069 MB	07:45:00	07:45:10	00:00:10	10,00	36,00	34,56
2	7061 H	07:45:44	07:45:52	00:00:08	12,50	45,00	
3	D 1136 AB	07:46:04	07:46:17	00:00:13	7,69	27,69	
4	9252 JB	07:46:24	07:46:33	00:00:09	11,11	40,00	
5	D 1746 UG	07:47:04	07:47:14	00:00:10	10,00	36,00	
6	1049 AB	07:47:28	07:47:35	00:00:07	14,29	51,43	
7	1746 CG	07:47:38	07:47:51	00:00:13	7,69	27,69	
8	B 8217 MH	07:47:45	07:48:01	00:00:16	6,25	22,50	
9	1429 B	07:48:01	07:48:16	00:00:15	6,67	24,00	
10	B 2820 WU	07:48:28	07:48:40	00:00:12	8,33	30,00	
11	9390 B	07:48:57	07:49:10	00:00:13	7,69	27,69	
12	1540 AB	07:49:17	07:49:30	00:00:13	7,69	27,69	
13	1564 AB	07:49:27	07:49:40	00:00:13	7,69	27,69	
14	7777 LK	07:49:57	07:50:05	00:00:08	12,50	45,00	
15	9457 JB	07:50:17	07:50:26	00:00:09	11,11	40,00	
16	9296 HG	07:50:31	07:50:43	00:00:12	8,33	30,00	
17	1445 CA	07:50:41	07:51:00	00:00:19	5,26	18,95	
18	H 7496	07:50:50	07:51:03	00:00:13	7,69	27,69	
19	29 B	07:51:36	07:51:47	00:00:11	9,09	32,73	
20	9133 AF	07:51:44	07:51:57	00:00:13	7,69	27,69	
21	7384 HB	07:54:27	07:54:34	00:00:07	14,29	51,43	
22	2669 AG	07:55:32	07:55:49	00:00:17	5,88	21,18	
23	1548	07:56:20	07:56:25	00:00:05	20,00	72,00	
24	116 B	07:57:13	07:57:22	00:00:09	11,11	40,00	
25	8562 B	07:58:10	07:58:22	00:00:12	8,33	30,00	
26	1791 RB	07:58:28	07:58:37	00:00:09	11,11	40,00	
27	1811 LG	07:58:54	07:59:03	00:00:09	11,11	40,00	
28	1401 B	07:59:34	07:59:47	00:00:13	7,69	27,69	
08.00-08.15	G 8926 CG	08:00:26	08:00:39	00:00:13	7,69	27,69	30,81
2	9437 KA	08:04:21	08:04:35	00:00:14	7,14	25,71	
3	1011 AB	08:04:40	08:04:55	00:00:15	6,67	24,00	
4	8888 MG	08:07:47	08:08:11	00:00:24	4,17	15,00	
5	9501 UB	08:09:04	08:09:19	00:00:15	6,67	24,00	
6	B 7331 YR	08:09:35	08:09:47	00:00:12	8,33	30,00	
7	1508 AB	08:09:48	08:10:06	00:00:18	5,56	20,00	
8	9089 LG	08:10:35	08:10:45	00:00:10	10,00	36,00	
9	1407 AB	08:10:37	08:10:41	00:00:04	25,00	90,00	
10	2659 BA	08:11:17	08:11:33	00:00:16	6,25	22,50	
11	8805 GB	08:11:34	08:11:43	00:00:09	11,11	40,00	
12	1469 AG	08:12:24	08:12:38	00:00:14	7,14	25,71	
13	100 B	08:13:29	08:13:40	00:00:11	9,09	32,73	
14	1767 RC	08:13:55	08:14:12	00:00:17	5,88	21,18	
15	8998 DE	08:14:47	08:15:00	00:00:13	7,69	27,69	
08.15-08.30	8897 B	08:15:29	08:15:46	00:00:17	5,88	21,18	31,35
2	1537 AB	08:18:10	08:18:25	00:00:15	6,67	24,00	
3	7453 BB	08:19:10	08:19:23	00:00:13	7,69	27,69	
4	B 2065 ON	08:19:25	08:19:38	00:00:13	7,69	27,69	

5	B 9124 DI	08:19:32	08:19:45	00:00:13	7,69	27,69	
6	1864 TB	08:19:52	08:20:07	00:00:15	6,67	24,00	
7	1081 AD	08:20:10	08:20:15	00:00:05	20,00	72,00	
8	1510 DG	08:20:22	08:20:30	00:00:08	12,50	45,00	
9	H 7033 G	08:20:40	08:20:50	00:00:10	10,00	36,00	
10	7151 CA	08:20:57	08:21:12	00:00:15	6,67	24,00	
11	AE 1055 YA	08:20:58	08:21:13	00:00:15	6,67	24,00	
12	H 8817 GG	08:21:10	08:21:21	00:00:11	9,09	32,73	
13	9328 GF	08:21:10	08:21:22	00:00:12	8,33	30,00	
14	1698 NB	08:22:24	08:22:36	00:00:12	8,33	30,00	
15	1124 AB	08:22:28	08:22:42	00:00:14	7,14	25,71	
16	9231 NB	08:23:03	08:23:14	00:00:11	9,09	32,73	
17	H 168 NR	08:23:20	08:23:34	00:00:14	7,14	25,71	
18	1842 TC	08:23:27	08:23:37	00:00:10	10,00	36,00	
19	445 G	08:23:30	08:23:45	00:00:15	6,67	24,00	
20	1576 AB	08:24:00	08:24:20	00:00:20	5,00	18,00	
21	1475 DG	08:24:18	08:24:26	00:00:08	12,50	45,00	
22	2879 B	08:24:31	08:24:45	00:00:14	7,14	25,71	
23	7116 HB	08:24:48	08:24:56	00:00:08	12,50	45,00	
24	8644 HB	08:25:09	08:25:23	00:00:14	7,14	25,71	
25	8575	08:25:13	08:25:26	00:00:13	7,69	27,69	
26	49 B	08:25:16	08:25:29	00:00:13	7,69	27,69	
27	7085 PA	08:25:24	08:25:39	00:00:15	6,67	24,00	
28	1062 AB	08:26:18	08:26:32	00:00:14	7,14	25,71	
29	31 B	08:26:22	08:26:34	00:00:12	8,33	30,00	
30	1813 LG	08:26:39	08:26:46	00:00:07	14,29	51,43	
31	8923 BG	08:26:50	08:27:07	00:00:17	5,88	21,18	
32	Z 1529 AA	08:26:55	08:27:08	00:00:13	7,69	27,69	
33	T 506 B DC	08:27:09	08:27:20	00:00:11	9,09	32,73	
34	1647 AG	08:27:24	08:27:39	00:00:15	6,67	24,00	
35	9464 B	08:27:46	08:27:56	00:00:10	10,00	36,00	
36	8571 GA	08:28:02	08:28:18	00:00:16	6,25	22,50	
37	8184	08:28:14	08:28:22	00:00:08	12,50	45,00	
38	7777 CT	08:29:18	08:29:26	00:00:08	12,50	45,00	
39	7923 DG	08:29:25	08:29:34	00:00:09	11,11	40,00	
40	9369 A	08:29:46	08:30:01	00:00:15	6,67	24,00	
08.30-08.45	1642 UA	08:30:59	08:31:05	00:00:06	16,67	60,00	35,86
2	1596 DG	08:31:05	08:31:31	00:00:26	3,85	13,85	
3	8589 MD	08:32:07	08:32:12	00:00:05	20,00	72,00	
4	1601 AG	08:32:10	08:32:18	00:00:08	12,50	45,00	
5	1403 AB	08:33:17	08:33:30	00:00:13	7,69	27,69	
6	B 9101 IP	08:33:47	08:34:01	00:00:14	7,14	25,71	
7	7707 HB	08:34:47	08:35:03	00:00:16	6,25	22,50	
8	8000 WK	08:35:03	08:35:11	00:00:08	12,50	45,00	
9	7895 GA	08:35:20	08:35:32	00:00:12	8,33	30,00	
10	H 1869 LA	08:35:32	08:35:51	00:00:19	5,26	18,95	
11	1667 KS	08:35:45	08:36:07	00:00:22	4,55	16,36	
12	2904 B	08:36:00	08:36:10	00:00:10	10,00	36,00	
13	1955 B	08:36:36	08:36:47	00:00:11	9,09	32,73	
14	8922 DG	08:36:59	08:37:05	00:00:06	16,67	60,00	

15	73 B	08:37:50	08:38:00	00:00:10	10,00	36,00	
16	9353 LG	08:38:20	08:38:33	00:00:13	7,69	27,69	
17	7999 DH	08:38:30	08:38:48	00:00:18	5,56	20,00	
18	35 B	08:41:13	08:41:35	00:00:22	4,55	16,36	
19	7871 GB	08:42:28	08:42:39	00:00:11	9,09	32,73	
20	9678 FB	08:42:42	08:42:50	00:00:08	12,50	45,00	
21	1080 AB	08:43:03	08:43:15	00:00:12	8,33	30,00	
22	8302 LK	08:43:23	08:43:40	00:00:17	5,88	21,18	
23	9160 LG	08:44:07	08:44:11	00:00:04	25,00	90,00	
08.45-09.00	H 7819 CG	08:45:20	08:45:37	00:00:17	5,88	21,18	32,32
2	1018 AB	08:45:59	08:46:14	00:00:15	6,67	24,00	
3	7635 GB	08:46:24	08:46:33	00:00:09	11,11	40,00	
4	H 9418 SB	08:47:11	08:47:18	00:00:07	14,29	51,43	
5	1674 AG	08:47:29	08:47:43	00:00:14	7,14	25,71	
6	7193 CB	08:48:03	08:48:15	00:00:12	8,33	30,00	
7	7257 MA	08:48:19	08:48:30	00:00:11	9,09	32,73	
8	9418 F	08:49:53	08:50:09	00:00:16	6,25	22,50	
9	33 B	08:50:55	08:51:20	00:00:25	4,00	14,40	
10	AE 2417 TB	08:51:18	08:51:35	00:00:17	5,88	21,18	
11	1402 AB	08:51:36	08:51:45	00:00:09	11,11	40,00	
12	8386 DG	08:51:51	08:52:02	00:00:11	9,09	32,73	
13	8466 NB	08:52:25	08:52:37	00:00:12	8,33	30,00	
14	1933 B	08:52:40	08:52:51	00:00:11	9,09	32,73	
15	2878 B	08:53:01	08:53:15	00:00:14	7,14	25,71	
16	8729 KC	08:53:23	08:53:31	00:00:08	12,50	45,00	
17	AE 1262 M	08:54:08	08:54:19	00:00:11	9,09	32,73	
18	8775 FF	08:56:53	08:57:02	00:00:09	11,11	40,00	
19	9642 HG	08:57:06	08:57:15	00:00:09	11,11	40,00	
20	9569 DB	08:57:57	08:58:07	00:00:10	10,00	36,00	
21	9288 NB	08:57:50	08:58:10	00:00:20	5,00	18,00	
22	2141 W	08:59:47	08:59:54	00:00:07	14,29	51,43	
23	7200 BB	08:59:59	09:00:09	00:00:10	10,00	36,00	
09.00-09.15	9371 PG	09:00:25	09:00:41	00:00:16	6,25	22,50	32,46
2	2905 B	09:00:31	09:01:15	00:00:44	2,27	8,18	
3	7829 EF	09:01:18	09:01:30	00:00:12	8,33	30,00	
4	1934 RA	09:01:57	09:02:12	00:00:15	6,67	24,00	
5	8488 YA	09:02:27	09:02:38	00:00:11	9,09	32,73	
6	7007 AU	09:02:53	09:03:02	00:00:09	11,11	40,00	
7	1459 AB	09:03:13	09:03:25	00:00:12	8,33	30,00	
8	1532 EG	09:03:24	09:03:35	00:00:11	9,09	32,73	
9	2863 B	09:03:24	09:03:36	00:00:12	8,33	30,00	
10	1826 MA	09:03:39	09:03:49	00:00:10	10,00	36,00	
11	8619 NA	09:04:19	09:04:29	00:00:10	10,00	36,00	
12	1669 AB	09:04:51	09:05:05	00:00:14	7,14	25,71	
13	1411 EG	09:05:49	09:06:00	00:00:11	9,09	32,73	
14	9140 MD	09:07:11	09:07:22	00:00:11	9,09	32,73	
15	8365 DG	09:07:16	09:07:39	00:00:23	4,35	15,65	
16	4419 LB	09:08:47	09:08:56	00:00:09	11,11	40,00	
17	8927 NG	09:09:11	09:09:19	00:00:08	12,50	45,00	
18	AB 9381 BD	09:09:30	09:09:35	00:00:05	20,00	72,00	

19	8531 GB	09:10:12	09:10:21	00:00:09	11,11	40,00	
20	72 B	09:10:37	09:10:43	00:00:06	16,67	60,00	
21	1884 KB	09:11:10	09:11:22	00:00:12	8,33	30,00	
22	9118 CG	09:11:25	09:11:32	00:00:07	14,29	51,43	
23	7798 FB	09:11:50	09:12:02	00:00:12	8,33	30,00	
24	B 8228 FN	09:12:03	09:12:20	00:00:17	5,88	21,18	
25	1769 TB	09:13:00	09:13:16	00:00:16	6,25	22,50	
26	9009 ST	09:14:11	09:14:31	00:00:20	5,00	18,00	
27	446 G	09:14:29	09:14:44	00:00:15	6,67	24,00	
28	1594 DG	09:14:58	09:15:12	00:00:14	7,14	25,71	
09.15-09.30	8429 MB	09:15:12	09:15:24	00:00:12	8,33	30,00	34,91
2	1426 AA	09:16:20	09:16:30	00:00:10	10,00	36,00	
3	1461 AB	09:16:20	09:16:24	00:00:04	25,00	90,00	
4	8984 C	09:17:28	09:17:34	00:00:06	16,67	60,00	
5	7910 GB	09:18:08	09:18:24	00:00:16	6,25	22,50	
6	1578 AB	09:18:14	09:18:24	00:00:10	10,00	36,00	
7	9503 PG	09:18:39	09:18:47	00:00:08	12,50	45,00	
8	1744 PA	09:19:03	09:19:12	00:00:09	11,11	40,00	
9	8970 MB	09:19:25	09:19:35	00:00:10	10,00	36,00	
10	H 7819 CG	09:19:58	09:20:12	00:00:14	7,14	25,71	
11	AE 7911 W	09:20:10	09:20:22	00:00:12	8,33	30,00	
12	9252 LC	09:20:23	09:20:34	00:00:11	9,09	32,73	
13	0	09:21:16	09:21:25	00:00:09	11,11	40,00	
14	812 KB	09:21:22	09:21:43	00:00:21	4,76	17,14	
15	8914 DG	09:21:44	09:21:58	00:00:14	7,14	25,71	
16	1630 DG	09:22:44	09:23:02	00:00:18	5,56	20,00	
17	7288 YA	09:23:10	09:23:20	00:00:10	10,00	36,00	
18	AE 2272 TE	09:24:23	09:24:35	00:00:12	8,33	30,00	
19	8536 DB	09:24:46	09:25:00	00:00:14	7,14	25,71	
20	8720 CB	09:25:06	09:25:24	00:00:18	5,56	20,00	
21	8176 CB	09:25:43	09:25:52	00:00:09	11,11	40,00	
22	8238 DG	09:25:54	09:26:09	00:00:15	6,67	24,00	
23	H 8004	09:26:24	09:26:30	00:00:06	16,67	60,00	
24	1520 EG	09:26:55	09:27:16	00:00:21	4,76	17,14	
25	9415 NG	09:27:14	09:27:26	00:00:12	8,33	30,00	
26	9702 G	09:27:52	09:28:01	00:00:09	11,11	40,00	
27	7450 KA	09:28:28	09:28:40	00:00:12	8,33	30,00	
28	8661 PE	09:28:52	09:29:03	00:00:11	9,09	32,73	
29	7819 BA	09:29:50	09:29:59	00:00:09	11,11	40,00	
09.30-09.45	8462 JB	09:30:13	09:30:23	00:00:10	10,00	36,00	28,24
2	9290 MG	09:31:28	09:31:36	00:00:08	12,50	45,00	
3	8270 CA	09:31:45	09:31:55	00:00:10	10,00	36,00	
4	1667 RG	09:31:53	09:32:05	00:00:12	8,33	30,00	
5	1682 RG	09:32:41	09:32:48	00:00:07	14,29	51,43	
6	B 1738 YH	09:33:07	09:33:18	00:00:11	9,09	32,73	
7	1079 HG	09:33:49	09:34:01	00:00:12	8,33	30,00	
8	8839 DB	09:34:29	09:34:48	00:00:19	5,26	18,95	
9	9439 NA	09:34:50	09:35:05	00:00:15	6,67	24,00	
10	1488 AG	09:35:06	09:35:23	00:00:17	5,88	21,18	
11	33 B	09:35:39	09:35:53	00:00:14	7,14	25,71	

12	B 2056 ZU	09:35:54	09:36:05	00:00:11	9,09	32,73	
13	1590 AB	09:35:58	09:36:26	00:00:28	3,57	12,86	
14	2909 B	09:36:13	09:36:24	00:00:11	9,09	32,73	
15	1165 AB	09:36:57	09:37:17	00:00:20	5,00	18,00	
16	8915 CA	09:38:49	09:39:03	00:00:14	7,14	25,71	
17	1406 AB	09:38:50	09:38:58	00:00:08	12,50	45,00	
18	9025 KB	09:39:36	09:39:55	00:00:19	5,26	18,95	
19	9409 JB	09:39:52	09:40:16	00:00:24	4,17	15,00	
20	611	09:41:12	09:41:26	00:00:14	7,14	25,71	
21	H 8691	09:41:25	09:41:35	00:00:10	10,00	36,00	
22	8606 HA	09:41:36	09:41:50	00:00:14	7,14	25,71	
23	1140 AB	09:41:46	09:41:59	00:00:13	7,69	27,69	
24	1517 AB	09:44:46	09:45:05	00:00:19	5,26	18,95	
25	1409 B	09:44:52	09:45:10	00:00:18	5,56	20,00	
09.45-10.00	B 2853 SZ	09:45:44	09:46:04	00:00:20	5,00	18,00	18,43
2	8728 CE	09:45:58	09:46:20	00:00:22	4,55	16,36	
3	2896 B	09:46:04	09:46:20	00:00:16	6,25	22,50	
4	8675 AG	09:46:08	09:46:25	00:00:17	5,88	21,18	
5	7627 CC	09:46:17	09:46:35	00:00:18	5,56	20,00	
6	1879 DC	09:47:16	09:47:34	00:00:18	5,56	20,00	
7	7656 BG	09:47:32	09:47:42	00:00:10	10,00	36,00	
8	8880 BB	09:47:40	09:47:59	00:00:19	5,26	18,95	
9	1740 CG	09:48:53	09:49:27	00:00:34	2,94	10,59	
10	7159 EF	09:49:29	09:49:54	00:00:25	4,00	14,40	
11	8931 CC	09:49:35	09:50:06	00:00:31	3,23	11,61	
12	1752 AB	09:49:48	09:50:16	00:00:28	3,57	12,86	
13	7280 EG	09:50:17	09:50:35	00:00:18	5,56	20,00	
14	11 TT	09:50:59	09:51:20	00:00:21	4,76	17,14	
15	1022 AB	09:52:50	09:53:06	00:00:16	6,25	22,50	
16	8328 PA	09:52:58	09:53:26	00:00:28	3,57	12,86	
17	AE 2354 AD	09:54:23	09:54:50	00:00:27	3,70	13,33	
18	8523 LB	09:54:29	09:54:52	00:00:23	4,35	15,65	
19	1482 AB	09:54:56	09:55:10	00:00:14	7,14	25,71	
20	7772 DG	09:54:58	09:55:17	00:00:19	5,26	18,95	
14.00-14.15	9407 DA	14:00:39	14:01:25	00:00:46	2,17	7,83	21,50
2	1617 DG	14:00:49	14:01:27	00:00:38	2,63	9,47	
3	AA 9298 MB	14:01:53	14:02:11	00:00:18	5,56	20,00	
4	G 1651 MA	14:02:31	14:02:46	00:00:15	6,67	24,00	
5	104 B	14:03:16	14:03:43	00:00:27	3,70	13,33	
6	N 1610 UP	14:04:52	14:05:05	00:00:13	7,69	27,69	
7	1688 MB	14:05:48	14:06:04	00:00:16	6,25	22,50	
8	1544 AB	14:05:54	14:06:15	00:00:21	4,76	17,14	
9	8085 PA	14:06:07	14:06:20	00:00:13	7,69	27,69	
10	1617 DG	14:06:27	14:06:47	00:00:20	5,00	18,00	
11	7946 KA	14:06:59	14:07:15	00:00:16	6,25	22,50	
12	1080 AB	14:07:16	14:07:30	00:00:14	7,14	25,71	
13	7355 DF	14:07:30	14:07:52	00:00:22	4,55	16,36	
14	1119 AB	14:07:49	14:08:03	00:00:14	7,14	25,71	
15	8894 NB	14:08:40	14:09:01	00:00:21	4,76	17,14	

16	B 1123 WJ	14:08:58	14:09:14	00:00:16	6,25	22,50	
17	9320 NA	14:09:09	14:09:20	00:00:11	9,09	32,73	
18	1871 B	14:09:57	14:10:15	00:00:18	5,56	20,00	
19	B 9388 C	14:10:13	14:10:29	00:00:16	6,25	22,50	
20	9175 BF	14:10:21	14:10:31	00:00:10	10,00	36,00	
21	1471 AG	14:12:13	14:12:32	00:00:19	5,26	18,95	
22	8999 HH	14:13:15	14:13:31	00:00:16	6,25	22,50	
23	AE 1262 M	14:13:30	14:13:46	00:00:16	6,25	22,50	
24	1118 AB	14:14:22	14:14:43	00:00:21	4,76	17,14	
25	42 B	14:14:39	14:14:52	00:00:13	7,69	27,69	
14.15-14.30	1956 B	14:15:07	14:15:28	00:00:21	4,76	17,14	20,82
2	9133 DA	14:16:20	14:16:34	00:00:14	7,14	25,71	
3	1011 AB	14:16:45	14:17:08	00:00:23	4,35	15,65	
4	7873 DG	14:17:36	14:17:51	00:00:15	6,67	24,00	
5	1741 DG	14:17:57	14:18:27	00:00:30	3,33	12,00	
6	B 8221 T	14:18:09	14:18:32	00:00:23	4,35	15,65	
7	H 1265 HA	14:19:12	14:19:29	00:00:17	5,88	21,18	
8	7990 DF	14:19:23	14:19:42	00:00:19	5,26	18,95	
9	7772 DG	14:19:35	14:19:49	00:00:14	7,14	25,71	
10	1056 AB	14:19:45	14:20:04	00:00:19	5,26	18,95	
11	8616 HF	14:20:07	14:20:26	00:00:19	5,26	18,95	
12	H 1760 TS	14:20:27	14:20:45	00:00:18	5,56	20,00	
13	AE 2344 W	14:20:39	14:20:50	00:00:11	9,09	32,73	
14	1746 TB	14:20:49	14:21:08	00:00:19	5,26	18,95	
15	8653 EB	14:21:22	14:21:38	00:00:16	6,25	22,50	
16	B 1832 NG	14:21:41	14:22:02	00:00:21	4,76	17,14	
17	8415 DG	14:23:03	14:23:15	00:00:12	8,33	30,00	
18	7227 FK	14:23:50	14:24:12	00:00:22	4,55	16,36	
19	8989 QA	14:24:29	14:24:45	00:00:16	6,25	22,50	
20	H 8005 BF	14:24:44	14:25:04	00:00:20	5,00	18,00	
21	B 8315 BF	14:25:12	14:25:28	00:00:16	6,25	22,50	
22	AG 7996 AA	14:26:23	14:26:45	00:00:22	4,55	16,36	
23	8159 A	14:26:41	14:26:58	00:00:17	5,88	21,18	
24	8655 KK	14:27:35	14:27:55	00:00:20	5,00	18,00	
25	1882 RB	14:29:15	14:29:32	00:00:17	5,88	21,18	
26	7455 A	14:29:47	14:29:59	00:00:12	8,33	30,00	
14.30-14.45	9174 NB	14:30:06	14:30:27	00:00:21	4,76	17,14	20,11
2	1508 AB	14:31:14	14:31:29	00:00:15	6,67	24,00	
3	B 9141 NP	14:32:41	14:32:58	00:00:17	5,88	21,18	
4	1785 PS	14:32:53	14:33:14	00:00:21	4,76	17,14	
5	1131 AB	14:33:49	14:34:14	00:00:25	4,00	14,40	
6	7980 GB	14:34:10	14:34:23	00:00:13	7,69	27,69	
7	7236 AG	14:35:40	14:35:58	00:00:18	5,56	20,00	
8	9000 TB	14:35:57	14:36:08	00:00:11	9,09	32,73	
9	9334 NB	14:36:10	14:36:20	00:00:10	10,00	36,00	
10	2535 B	14:37:39	14:38:15	00:00:36	2,78	10,00	
11	1537 AB	14:40:51	14:41:14	00:00:23	4,35	15,65	
12	8581 KB	14:41:40	14:41:59	00:00:19	5,26	18,95	
13	H 9064 JZ	14:41:50	14:42:17	00:00:27	3,70	13,33	
14	1687 HB	14:42:14	14:42:32	00:00:18	5,56	20,00	

15	7970 GB	14:42:40	14:42:56	00:00:16	6,25	22,50	
16	1002 AB	14:42:45	14:43:04	00:00:19	5,26	18,95	
17	46 G	14:43:33	14:43:58	00:00:25	4,00	14,40	
18	1943 TF	14:44:10	14:44:30	00:00:20	5,00	18,00	
14.45-15.00	8465 GB	14:45:19	14:45:36	00:00:17	5,88	21,18	18,30
2	30 B	14:48:19	14:48:40	00:00:21	4,76	17,14	
3	9197 NB	14:49:56	14:50:14	00:00:18	5,56	20,00	
4	9222 LK	14:51:08	14:51:20	00:00:12	8,33	30,00	
5	4169 CH	14:52:40	14:52:59	00:00:19	5,26	18,95	
6	8062 GB	14:54:40	14:55:02	00:00:22	4,55	16,36	
7	1743 SG	14:55:08	14:55:36	00:00:28	3,57	12,86	
8	1401 B	14:55:20	14:55:50	00:00:30	3,33	12,00	
9	W 7490 P	14:56:17	14:56:40	00:00:23	4,35	15,65	
10	1826 TB	14:56:58	14:57:20	00:00:22	4,55	16,36	
11	1049 AB	14:57:14	14:57:31	00:00:17	5,88	21,18	
12	1520 AB	14:58:34	14:58:59	00:00:25	4,00	14,40	
13	89 G	14:59:10	14:59:27	00:00:17	5,88	21,18	
14	1442 AB	14:59:33	14:59:52	00:00:19	5,26	18,95	
15.00-15.15	1067 AB	15:00:21	15:00:40	00:00:19	5,26	18,95	31,84
2	7758 GB	15:00:57	15:01:20	00:00:23	4,35	15,65	
3	1165 AB	15:02:05	15:02:30	00:00:25	4,00	14,40	
4	1879 HB	15:02:41	15:03:08	00:00:27	3,70	13,33	
5	H 7578 CS	15:05:15	15:05:20	00:00:05	20,00	72,00	
6	8501 JC	15:05:49	15:05:55	00:00:06	16,67	60,00	
7	1654 NB	15:07:06	15:07:14	00:00:08	12,50	45,00	
8	B 2115 OD	15:08:56	15:09:04	00:00:08	12,50	45,00	
9	B 1402 FA	15:09:08	15:09:24	00:00:16	6,25	22,50	
10	8775 ND	15:09:20	15:09:39	00:00:19	5,26	18,95	
11	1715 YA	15:10:17	15:10:25	00:00:08	12,50	45,00	
12	1011 AB	15:11:31	15:11:42	00:00:11	9,09	32,73	
13	B 7244 SR	15:11:51	15:12:03	00:00:12	8,33	30,00	
14	1955 B	15:12:26	15:12:39	00:00:13	7,69	27,69	
15	B 171 J	15:13:45	15:14:01	00:00:16	6,25	22,50	
16	1904 RA	15:13:57	15:14:11	00:00:14	7,14	25,71	
15.15-15.30	7698 CF	15:15:01	15:15:05	00:00:04	25,00	90,00	42,91
2	9272 NA	15:15:24	15:15:36	00:00:12	8,33	30,00	
3	1051 AB	15:15:39	15:15:49	00:00:10	10,00	36,00	
4	1008 AB	15:16:09	15:16:23	00:00:14	7,14	25,71	
5	H 1924 KS	15:18:19	15:18:25	00:00:06	16,67	60,00	
6	1411 B	15:18:50	15:18:59	00:00:09	11,11	40,00	
7	9000 PA	15:19:24	15:19:30	00:00:06	16,67	60,00	
8	93 G	15:20:14	15:20:19	00:00:05	20,00	72,00	
9	9237 JB	15:20:39	15:20:47	00:00:08	12,50	45,00	
10	8913 TA	15:21:27	15:21:35	00:00:08	12,50	45,00	
11	9142 NE	15:22:55	15:23:03	00:00:08	12,50	45,00	
12	1127 BA	15:23:24	15:23:40	00:00:16	6,25	22,50	
13	8926 LB	15:24:07	15:24:16	00:00:09	11,11	40,00	
14	1790 SB	15:24:30	15:24:38	00:00:08	12,50	45,00	
15	G 1846 JA	15:24:42	15:24:50	00:00:08	12,50	45,00	
16	B 2135 KF	15:25:15	15:25:25	00:00:10	10,00	36,00	

17	AB 8040 TE	15:25:34	15:25:44	00:00:10	10,00	36,00	
18	1541 AB	15:25:49	15:26:00	00:00:11	9,09	32,73	
19	7842 A	15:26:26	15:26:34	00:00:08	12,50	45,00	
20	1150 AB	15:27:31	15:27:44	00:00:13	7,69	27,69	
21	1871 KS	15:27:50	15:28:01	00:00:11	9,09	32,73	
22	1689 NB	15:28:11	15:28:22	00:00:11	9,09	32,73	
15.30-15.45	5653 W	15:30:30	15:30:40	00:00:10	10,00	36,00	38,07
2	8677 KB	15:30:47	15:30:57	00:00:10	10,00	36,00	
3	8451 GB	15:37:00	15:37:17	00:00:17	5,88	21,18	
4	L 2534 HP	15:37:30	15:37:38	00:00:08	12,50	45,00	
5	1968 B	15:38:04	15:38:15	00:00:11	9,09	32,73	
6	K 1716 PB	15:38:53	15:39:00	00:00:07	14,29	51,43	
7	54 B	15:40:15	15:40:28	00:00:13	7,69	27,69	
8	1047 AB	15:41:05	15:41:14	00:00:09	11,11	40,00	
9	13 B	15:42:14	15:42:20	00:00:06	16,67	60,00	
10	1520 EG	15:44:23	15:44:34	00:00:11	9,09	32,73	
11	1814 B	15:44:52	15:45:02	00:00:10	10,00	36,00	
15.45-16.00	1739 TB	15:45:24	15:45:31	00:00:07	14,29	51,43	34,36
2	8639 LB	15:45:40	15:45:55	00:00:15	6,67	24,00	
3	9695 HF	15:46:20	15:46:32	00:00:12	8,33	30,00	
4	B 8338 ZJ	15:46:52	15:47:01	00:00:09	11,11	40,00	
5	B 1766 ZK	15:48:20	15:48:31	00:00:11	9,09	32,73	
6	AA 9501 SB	15:48:47	15:49:15	00:00:28	3,57	12,86	
7	8716 QA	15:49:30	15:49:39	00:00:09	11,11	40,00	
8	8184 LK	15:50:28	15:50:41	00:00:13	7,69	27,69	
9	72 B	15:50:59	15:51:09	00:00:10	10,00	36,00	
10	1429 B	15:52:06	15:52:15	00:00:09	11,11	40,00	
11	8430 PK	15:53:00	15:53:10	00:00:10	10,00	36,00	
12	7503 HB	15:53:42	15:53:52	00:00:10	10,00	36,00	
13	477 G	15:55:56	15:56:05	00:00:09	11,11	40,00	

Hari / Tanggal : Selasa / 29 Agustus 2006
Surveyor : Fadli dan Aris
Arah Arus : Wonogiri - Solo
Jenis Kendaraan : Sepeda motor (MC)
Jarak : 100 m

Waktu	Kend ke-	Waktu kendaraan (detik)		Waktu tempuh (detik)	Kecepatan		Kecepatan rata-rata (Vt) km/jam
		Masuk	Keluar		m/dt	km/jam	
				(1)	(2)= 50/(1)	(3) = (2)*3,6	
06.00-06.15	5138 BK	06:01:01	06:01:09	00:00:08	12,50	45,00	34,08
2	5462 PN	06:01:04	06:01:15	00:00:11	9,09	32,73	
3	3770 S	06:01:06	06:01:20	00:00:14	7,14	25,71	
4	2056 LB	06:04:52	06:05:04	00:00:12	8,33	30,00	
5	2843 NB	06:05:06	06:05:17	00:00:11	9,09	32,73	
6	4448 KP	06:05:46	06:05:54	00:00:08	12,50	45,00	
7	5449 KK	06:06:13	06:06:24	00:00:11	9,09	32,73	
8	6279 DA	06:07:10	06:07:20	00:00:10	10,00	36,00	
9	9654 KB	06:07:12	06:07:23	00:00:11	9,09	32,73	

10	6050 MT	06:07:40	06:07:52	00:00:12	8,33	30,00	
11	5222 SF	06:07:56	06:08:06	00:00:10	10,00	36,00	
12	4765 NK	06:08:37	06:08:46	00:00:09	11,11	40,00	
13	4547 TG	06:09:02	06:09:15	00:00:13	7,69	27,69	
14	3122 T	06:09:08	06:09:17	00:00:09	11,11	40,00	
15	4741 MT	06:09:25	06:09:36	00:00:11	9,09	32,73	
16	5225 PK	06:10:11	06:10:21	00:00:10	10,00	36,00	
17	5264 MT	06:10:32	06:10:43	00:00:11	9,09	32,73	
18	5814 PK	06:11:00	06:11:11	00:00:11	9,09	32,73	
19	2324 EF	06:11:23	06:11:35	00:00:12	8,33	30,00	
20	2995 TG	06:11:44	06:11:54	00:00:10	10,00	36,00	
21	5013 NT	06:12:20	06:12:32	00:00:12	8,33	30,00	
22	5405 AT	06:12:44	06:12:55	00:00:11	9,09	32,73	
23	3204 VK	06:13:05	06:13:15	00:00:10	10,00	36,00	
24	3716 WK	06:14:41	06:14:52	00:00:11	9,09	32,73	
06.15-06.30	9659 K	06:15:05	06:15:25	00:00:20	5,00	18,00	17,26
2	6379 EK	06:16:12	06:16:32	00:00:20	5,00	18,00	
3	3467 JT	06:16:25	06:16:46	00:00:21	5,00	18,00	
4	3847 DC	06:16:35	06:16:52	00:00:17	5,56	20,00	
5	5218 SK	06:17:45	06:18:05	00:00:20	5,00	18,00	
6	4865 LT	06:17:54	06:18:12	00:00:18	5,56	20,00	
7	3807 SK	06:19:10	06:19:33	00:00:23	3,85	13,85	
8	2754 B	06:19:50	06:20:16	00:00:26	3,85	13,85	
9	2792 CT	06:20:33	06:20:49	00:00:16	6,25	22,50	
10	4375 BB	06:23:05	06:23:28	00:00:23	4,35	15,65	
11	584 LB	06:24:20	06:24:40	00:00:20	5,00	18,00	
12	6000 V	06:26:45	06:27:05	00:00:20	5,00	18,00	
13	6999 EK	06:27:33	06:27:54	00:00:21	4,76	17,14	
14	5140 DK	06:27:52	06:28:16	00:00:24	4,17	15,00	
15	6593 LB	06:28:14	06:28:37	00:00:23	4,35	15,65	
16	5361 KK	06:28:23	06:28:44	00:00:21	4,76	17,14	
17	6560 JK	06:28:38	06:28:57	00:00:19	5,26	18,95	
18	3640 EK	06:28:45	06:29:10	00:00:25	4,00	14,40	
19	3055 TS	06:29:05	06:29:21	00:00:16	6,25	22,50	
20	3027 KT	06:29:14	06:29:40	00:00:26	3,85	13,85	
21	3096 DK	06:29:25	06:29:47	00:00:22	4,55	16,36	
22	3140 RB	06:29:35	06:29:56	00:00:21	4,76	17,14	
23	5555 HB	06:29:44	06:30:08	00:00:24	4,17	15,00	
06.30-06.45	5310 KB	06:31:23	06:31:38	00:00:15	6,67	24,00	20,48
2	3880 CB	06:31:43	06:31:59	00:00:16	6,25	22,50	
3	5094 BT	06:32:05	06:32:20	00:00:15	6,67	24,00	
4	9965 BB	06:32:57	06:33:14	00:00:17	5,88	21,18	
5	3919 K	06:32:24	06:32:43	00:00:19	5,26	18,95	
6	5714 A	06:34:15	06:34:34	00:00:19	5,26	18,95	
7	6390 DK	06:34:44	06:34:59	00:00:15	6,67	24,00	
8	5686 B	06:35:18	06:35:37	00:00:19	5,26	18,95	
9	3616 MK	06:36:25	06:36:47	00:00:22	4,55	16,36	
10	3826 B	06:36:55	06:37:15	00:00:20	5,00	18,00	
11	6835 G	06:36:58	06:37:17	00:00:19	5,26	18,95	
12	5609 MK	06:37:07	06:37:28	00:00:21	4,76	17,14	

13	6253 DB	06:37:40	06:37:59	00:00:19	5,26	18,95	
14	3628 AT	06:37:41	06:38:01	00:00:20	5,00	18,00	
15	4506 KT	06:37:59	06:38:19	00:00:20	5,00	18,00	
16	5894 AB	06:39:24	06:39:40	00:00:16	6,25	22,50	
17	B 6000 HG	06:40:07	06:40:26	00:00:19	5,26	18,95	
18	4123 WG	06:42:30	06:42:43	00:00:13	7,69	27,69	
19	5002 LT	06:44:02	06:44:18	00:00:16	6,25	22,50	
20	4112 P	06:44:27	06:44:45	00:00:18	5,56	20,00	
06.45-07.00	3251 GM	06:46:36	06:46:43	00:00:07	14,29	51,43	21,92
2	5277 ET	06:46:49	06:47:05	00:00:16	6,25	22,50	
3	2030 LM	06:47:05	06:47:26	00:00:21	4,76	17,14	
4	6551 DU	06:47:32	06:47:49	00:00:17	5,88	21,18	
5	3044 T	06:48:02	06:48:22	00:00:20	5,00	18,00	
6	5410 WG	06:49:19	06:49:38	00:00:19	5,26	18,95	
7	6002 UL	06:49:33	06:49:49	00:00:16	6,25	22,50	
8	4971 CL	06:50:50	06:51:06	00:00:16	6,25	22,50	
9	3657 SH	06:50:55	06:51:13	00:00:18	5,56	20,00	
10	4321 DR	06:52:42	06:52:58	00:00:16	6,25	22,50	
11	5023 AA	06:52:16	06:52:34	00:00:18	5,56	20,00	
12	5422 ET	06:54:19	06:54:39	00:00:20	5,00	18,00	
13	6242 WW	06:55:24	06:55:43	00:00:19	5,26	18,95	
14	3441 R	06:57:59	06:58:19	00:00:20	5,00	18,00	
15	4254 NG	06:58:03	06:58:24	00:00:21	4,76	17,14	
07.00-07.15	2569 BB	07:01:38	07:01:46	00:00:08	12,50	45,00	43,36
2	5736 PK	07:04:19	07:04:30	00:00:11	9,09	32,73	
3	4180 NG	07:05:12	07:05:18	00:00:06	16,67	60,00	
4	5127 BA	07:05:44	07:05:52	00:00:08	12,50	45,00	
5	4313 LT	07:06:12	07:06:20	00:00:08	12,50	45,00	
6	2968 KD	07:06:34	07:06:41	00:00:07	14,29	51,43	
7	5887 LK	07:07:57	07:08:06	00:00:09	11,11	40,00	
8	2143 GB	07:08:11	07:08:21	00:00:10	10,00	36,00	
9	3906 RT	07:08:43	07:08:54	00:00:11	9,09	32,73	
10	4018 AT	07:09:20	07:09:30	00:00:10	10,00	36,00	
11	5180 PK	07:11:09	07:11:17	00:00:08	12,50	45,00	
12	5688 CS	07:11:17	07:11:24	00:00:07	14,29	51,43	
07.15-07.30	4395 YB	07:16:48	07:17:03	00:00:15	6,67	24,00	36,85
2	5142 WF	07:18:05	07:18:24	00:00:19	5,26	18,95	
3	6952 JB	07:18:26	07:18:36	00:00:10	10,00	36,00	
4	6942 WB	07:21:21	07:21:34	00:00:13	7,69	27,69	
5	2117 B	07:22:10	07:22:16	00:00:06	16,67	60,00	
6	6267KB	07:24:02	07:24:11	00:00:09	11,11	40,00	
7	2509 TG	07:25:50	07:25:58	00:00:08	12,50	45,00	
8	6952 FK	07:26:31	07:26:43	00:00:12	8,33	30,00	
9	3092 DU	07:27:21	07:27:36	00:00:15	6,67	24,00	
10	4077 MT	07:29:28	07:29:33	00:00:05	20,00	72,00	
11	L 4511 UM	07:29:36	07:29:49	00:00:13	7,69	27,69	
07.30-07.45	1833 AB	07:31:17	07:31:27	00:00:10	10,00	36,00	37,70
2	3661 UD	07:31:27	07:31:36	00:00:09	11,11	40,00	
3	5207 WK	07:33:33	07:33:40	00:00:07	14,29	51,43	
4	3395 K	07:34:07	07:34:17	00:00:10	10,00	36,00	

5	4814 LK	07:34:56	07:35:03	00:00:07	14,29	51,43	
6	6555 PB	07:34:43	07:34:54	00:00:11	9,09	32,73	
7	4672 RK	07:36:17	07:36:26	00:00:09	11,11	40,00	
8	3972 AR	07:36:35	07:36:48	00:00:13	7,69	27,69	
9	6396 AK	07:37:15	07:37:34	00:00:19	5,26	18,95	
10	2998 B	07:38:08	07:38:20	00:00:12	8,33	30,00	
11	4252 CK	07:39:30	07:39:45	00:00:15	6,67	24,00	
12	R 5152 RC	07:40:02	07:40:15	00:00:13	7,69	27,69	
13	5571 TA	07:40:10	07:40:16	00:00:06	16,67	60,00	
14	3444 JT	07:40:47	07:40:51	00:00:04	25,00	90,00	
15	3845 LK	07:41:06	07:41:18	00:00:12	8,33	30,00	
16	3071 WG	07:41:59	07:42:18	00:00:19	5,26	18,95	
17	4651 KK	07:42:29	07:42:42	00:00:13	7,69	27,69	
18	5038 ML	07:42:33	07:42:39	00:00:06	16,67	60,00	
19	3290 MT	07:43:04	07:43:18	00:00:14	7,14	25,71	
20	4357 LT	07:44:19	07:44:33	00:00:14	7,14	25,71	
07.45-08.00	5298 HT	07:45:38	07:45:56	00:00:18	5,56	20,00	25,62
2	4957 HT	07:46:26	07:46:40	00:00:14	7,14	25,71	
3	4231 K	07:47:35	07:47:52	00:00:17	5,88	21,18	
4	5920 HT	07:47:46	07:47:58	00:00:12	8,33	30,00	
5	5568 PT	07:48:11	07:48:25	00:00:14	7,14	25,71	
6	4090 DT	07:48:45	07:48:58	00:00:13	7,69	27,69	
7	5879 WB	07:49:02	07:50:09	00:01:07	14,29	51,43	
8	3069 KB	07:51:54	07:52:06	00:00:12	8,33	30,00	
9	5436 LK	07:52:05	07:52:28	00:00:23	4,35	15,65	
10	4750 MT	07:52:47	07:52:59	00:00:12	8,33	30,00	
11	5060 CK	07:53:11	07:53:26	00:00:15	6,67	24,00	
12	5908 GH	07:54:05	07:54:19	00:00:14	7,14	25,71	
13	3892 BR	07:54:47	07:55:03	00:00:16	6,25	22,50	
14	3490 RK	07:55:11	07:55:23	00:00:12	8,33	30,00	
15	3873 TG	07:56:15	07:56:30	00:00:15	6,67	24,00	
16	5147 FT	07:56:34	07:56:47	00:00:13	7,69	27,69	
17	5767 PK	07:57:29	07:57:46	00:00:17	5,88	21,18	
18	4960 GT	07:58:13	07:58:31	00:00:18	5,56	20,00	
19	4711 KK	07:58:45	07:59:03	00:00:18	5,56	20,00	
20	8531 BK	07:59:50	08:00:08	00:00:18	5,56	20,00	
08.00-08.15	2370 B	08:01:41	08:01:51	00:00:10	10,00	36,00	34,84
2	3170 YL	08:03:11	08:03:21	00:00:10	10,00	36,00	
3	4150 AP	08:03:20	08:03:34	00:00:14	7,14	25,71	
4	2388 UF	08:03:50	08:04:04	00:00:14	7,14	25,71	
5	4450 R	08:04:31	08:04:42	00:00:11	9,09	32,73	
6	5665 WK	08:05:13	08:05:27	00:00:14	7,14	25,71	
7	3186 T	08:05:43	08:05:56	00:00:13	7,69	27,69	
8	5013 HS	08:06:19	08:06:30	00:00:11	9,09	32,73	
9	6162 SP	08:06:57	08:07:05	00:00:08	12,50	45,00	
10	3603 MH	08:07:16	08:07:29	00:00:13	7,69	27,69	
11	4326 DK	08:07:45	08:07:58	00:00:13	7,69	27,69	
12	3375 BA	08:08:27	08:08:37	00:00:10	10,00	36,00	
13	L 4570 PH	08:09:04	08:09:16	00:00:12	8,33	30,00	
14	4690 AB	08:11:32	08:11:46	00:00:14	7,14	25,71	

15	5858 TS	08:12:00	08:12:08	00:00:08	12,50	45,00	
16	4376 HM	08:12:46	08:12:59	00:00:13	7,69	27,69	
17	3187 P	08:13:05	08:13:22	00:00:17	5,88	21,18	
18	3867 AK	08:13:43	08:13:56	00:00:13	7,69	27,69	
19	4889 T	08:14:06	08:14:12	00:00:06	16,67	60,00	
20	9744 VA	08:14:25	08:14:39	00:00:14	7,14	25,71	
21	3830 AY	08:14:55	08:14:59	00:00:04	25,00	90,00	
08.15-08.30	2404 YP	08:15:08	08:15:18	00:00:10	10,00	36,00	41,11
2	5316 RK	08:16:13	08:16:19	00:00:06	16,67	60,00	
3	9133 DA	08:16:34	08:16:50	00:00:16	6,25	22,50	
4	3462 GT	08:18:23	08:18:27	00:00:04	25,00	90,00	
5	3044 T	08:19:07	08:19:20	00:00:13	7,69	27,69	
6	3895 MK	08:19:57	08:20:09	00:00:12	8,33	30,00	
7	2414 GB	08:20:33	08:20:43	00:00:10	10,00	36,00	
8	4161 TB	08:21:42	08:21:48	00:00:06	16,67	60,00	
9	4563 AT	08:21:56	08:22:06	00:00:10	10,00	36,00	
10	3410 BB	08:23:00	08:23:04	00:00:04	25,00	90,00	
11	4180 TK	08:23:26	08:23:31	00:00:05	20,00	72,00	
12	4310 T	08:24:24	08:24:33	00:00:09	11,11	40,00	
13	4765 LK	08:24:32	08:24:43	00:00:11	9,09	32,73	
14	6646 KG	08:25:07	08:25:25	00:00:18	5,56	20,00	
15	4697 EG	08:25:49	08:26:04	00:00:15	6,67	24,00	
16	6703 JK	08:26:13	08:26:22	00:00:09	11,11	40,00	
17	2119 CB	08:26:53	08:27:09	00:00:16	6,25	22,50	
18	8958 MK	08:27:53	08:28:12	00:00:19	5,26	18,95	
19	3776 AB	08:28:18	08:28:30	00:00:12	8,33	30,00	
20	2101 LC	08:29:14	08:29:26	00:00:12	8,33	30,00	
21	3073 AB	08:29:57	08:30:05	00:00:08	12,50	45,00	
08.30-08.45	3494 TC	08:30:36	08:30:50	00:00:14	7,14	25,71	37,36
2	6764 GK	08:31:27	08:31:42	00:00:15	6,67	24,00	
3	6315 RB	08:32:50	08:33:02	00:00:12	8,33	30,00	
4	5135 DB	08:33:01	08:33:28	00:00:27	3,70	13,33	
5	4937 T	08:34:03	08:34:15	00:00:12	8,33	30,00	
6	5102 DK	08:34:45	08:34:58	00:00:13	7,69	27,69	
7	4227 JT	08:35:37	08:35:52	00:00:15	6,67	24,00	
8	4790 S	08:36:15	08:36:28	00:00:13	7,69	27,69	
9	6908 CK	08:36:39	08:36:54	00:00:15	6,67	24,00	
10	6405 AH	08:37:13	08:37:22	00:00:09	11,11	40,00	
11	4943 CU	08:38:05	08:38:18	00:00:13	7,69	27,69	
12	6540 MB	08:38:47	08:38:59	00:00:12	8,33	30,00	
13	3369 VK	08:39:19	08:39:35	00:00:16	11,11	40,00	
14	6307 MB	08:40:00	08:40:09	00:00:09	16,67	60,00	
15	3106 BT	08:40:51	08:40:57	00:00:06	16,67	60,00	
16	2005 BB	08:40:19	08:40:26	00:00:07	14,29	51,43	
17	3070 HK	08:41:42	08:41:46	00:00:04	25,00	90,00	
18	3853 DG	08:42:35	08:42:45	00:00:10	10,00	36,00	
19	5084 D	08:43:22	08:43:28	00:00:06	16,67	60,00	
20	3864 EB	08:44:01	08:44:15	00:00:14	7,14	25,71	
08.45-09.00	6413 H	08:45:19	08:45:27	00:00:08	12,50	45,00	33,41
2	6083 HB	08:45:31	08:45:42	00:00:11	9,09	32,73	

3	3090 MB	08:46:27	08:46:40	00:00:13	7,69	27,69	
4	531 PB	08:46:59	08:47:10	00:00:11	9,09	32,73	
5	4031 WK	08:47:14	08:47:29	00:00:15	6,67	24,00	
6	2249 CB	08:48:10	08:48:20	00:00:10	10,00	36,00	
7	3417 PL	08:49:20	08:49:32	00:00:12	8,33	30,00	
8	2322 KG	08:49:35	08:49:51	00:00:16	6,25	22,50	
9	3676 TS	08:50:14	08:50:28	00:00:14	7,14	25,71	
10	2722 AB	08:50:47	08:50:56	00:00:09	11,11	40,00	
11	4073 BK	08:51:12	08:51:23	00:00:11	8,33	30,00	
12	3386 CT	08:52:15	08:52:25	00:00:10	11,11	40,00	
13	6733 AK	08:52:55	08:53:00	00:00:05	20,00	72,00	
14	5246 BT	08:53:35	08:53:56	00:00:21	4,76	17,14	
15	5210 RK	08:54:09	08:54:20	00:00:11	9,09	32,73	
16	3612 KS	08:54:31	08:54:43	00:00:12	8,33	30,00	
17	4262 WF	08:55:42	08:55:55	00:00:13	7,69	27,69	
18	6141 BB	08:57:10	08:57:23	00:00:13	7,69	27,69	
19	5012 R	08:57:33	08:57:43	00:00:10	10,00	36,00	
20	4657 BA	08:58:34	08:58:42	00:00:08	12,50	45,00	
21	5300 KV	08:59:12	08:59:23	00:00:11	9,09	32,73	
22	3633 BT	08:59:34	08:59:47	00:00:13	7,69	27,69	
09.00-09.15	3114 JF	09:01:04	09:01:14	00:00:10	10,00	36,00	31,88
2	4326 CK	09:01:36	09:01:50	00:00:14	7,14	25,71	
3	5871 BK	09:02:07	09:02:21	00:00:14	7,14	25,71	
4	3872 C	09:03:16	09:03:30	00:00:14	7,14	25,71	
5	5665 MK	09:03:51	09:04:03	00:00:12	8,33	30,00	
6	5733 DK	09:04:19	09:04:30	00:00:11	9,09	32,73	
7	3102 TB	09:04:35	09:04:39	00:00:04	25,00	90,00	
8	2750 MB	09:05:11	09:05:25	00:00:14	7,14	25,71	
9	3815 YP	08:05:56	08:06:06	00:00:10	10,00	36,00	
10	3992 CB	09:06:36	09:06:48	00:00:12	8,33	30,00	
11	3070 FK	08:06:59	08:07:10	00:00:11	9,09	32,73	
12	5373 TG	08:07:21	08:07:32	00:00:11	9,09	32,73	
13	5226 BG	09:08:30	09:08:43	00:00:13	7,69	27,69	
14	5157 MK	08:09:38	08:09:50	00:00:12	8,33	30,00	
15	5157 MK	09:09:35	09:09:47	00:00:12	8,33	30,00	
16	6819 H	08:10:30	08:10:38	00:00:08	12,50	45,00	
17	R 5211 RK	08:11:12	08:11:30	00:00:18	5,56	20,00	
18	4404 FT	09:10:11	09:10:24	00:00:13	7,69	27,69	
19	6832 AK	08:12:12	08:12:25	00:00:13	7,69	27,69	
20	4830 MT	09:11:40	09:11:56	00:00:16	6,25	22,50	
21	3590 F	08:13:17	08:13:38	00:00:21	4,76	17,14	
22	3138 KK	09:12:36	09:12:45	00:00:09	11,11	40,00	
23	3902 DK	09:14:12	09:14:28	00:00:16	6,25	22,50	
09.15-09.30	5797 VB	09:16:27	09:16:39	00:00:12	8,33	30,00	26,26
2	9658 MB	09:17:02	09:17:16	00:00:14	7,14	25,71	
3	3758 CB	09:18:11	09:18:21	00:00:10	10,00	36,00	
4	544 DB	09:19:25	09:19:45	00:00:20	5,00	18,00	
5	3957 DB	09:19:42	09:19:59	00:00:17	5,88	21,18	
6	3051 PP	09:20:16	09:20:32	00:00:16	6,25	22,50	
7	6039 HF	09:21:41	09:21:56	00:00:15	6,67	24,00	

8	3470 JE	09:22:28	09:22:43	00:00:15	6,67	24,00	
9	9791 BB	09:22:57	09:23:10	00:00:13	7,69	27,69	
10	4857 TH	09:23:30	09:23:46	00:00:16	6,25	22,50	
11	6724 HB	09:24:12	09:24:25	00:00:13	7,69	27,69	
12	4819 T	09:24:42	09:24:49	00:00:07	14,29	51,43	
13	3111 YK	09:25:34	09:25:45	00:00:11	9,09	32,73	
14	5182 MK	09:27:08	09:27:24	00:00:16	6,25	22,50	
15	5790 KS	09:27:32	09:27:52	00:00:20	5,00	18,00	
16	484 A	09:28:06	09:28:18	00:00:12	8,33	30,00	
17	4803 LT	09:28:51	09:29:04	00:00:13	7,69	27,69	
18	5175 DK	09:29:15	09:29:33	00:00:18	5,56	20,00	
19	6148 MK	09:29:41	09:29:58	00:00:17	5,88	21,18	
20	6148 VB	09:29:52	09:30:08	00:00:16	6,25	22,50	
09.30-09.45	4063 CB	09:31:20	09:31:33	00:00:13	7,69	27,69	33,03
2	5710 HT	09:31:42	09:31:58	00:00:16	6,25	22,50	
3	5772 TG	09:31:29	09:31:40	00:00:11	9,09	32,73	
4	5149 CG	09:33:20	09:33:32	00:00:12	8,33	30,00	
5	5514 CT	09:34:29	09:34:45	00:00:16	6,25	22,50	
6	4090 VF	09:35:17	09:35:31	00:00:14	7,14	25,71	
7	4468 T	09:36:17	09:36:29	00:00:12	8,33	30,00	
8	5993 SK	09:37:07	09:37:20	00:00:13	7,69	27,69	
9	5423 BM	09:37:20	09:37:29	00:00:09	11,11	40,00	
10	4057 MH	09:38:22	09:38:34	00:00:12	8,33	30,00	
11	4029 AS	09:38:43	09:38:53	00:00:10	10,00	36,00	
12	6297 LB	09:38:55	09:39:09	00:00:14	7,14	25,71	
13	3938 KB	09:40:05	09:40:17	00:00:12	8,33	30,00	
14	6201 BK	09:41:06	09:41:18	00:00:12	8,33	30,00	
15	5511 LK	09:41:29	09:41:43	00:00:14	7,14	25,71	
16	4464 WK	09:41:56	09:42:00	00:00:04	25,00	90,00	
17	3888 AR	09:42:06	09:42:19	00:00:13	7,69	27,69	
18	5417 TF	09:42:35	09:42:44	00:00:09	11,11	40,00	
19	3617 MS	09:43:11	09:43:21	00:00:10	10,00	36,00	
20	6123 CK	09:44:29	09:44:42	00:00:13	7,69	27,69	
21	3933 TB	09:45:38	09:45:48	00:00:10	10,00	36,00	
09.45-10.00	2188 DP	09:46:08	09:46:21	00:00:13	7,69	27,69	24,31
2	6610 JK	09:46:34	09:46:45	00:00:11	9,09	32,73	
3	6227 PB	09:47:06	09:47:26	00:00:20	5,00	18,00	
4	5318 AT	09:47:33	09:47:50	00:00:17	5,88	21,18	
5	3082 PT	09:48:20	09:48:35	00:00:15	6,67	24,00	
6	3710 KG	09:49:26	09:49:40	00:00:14	7,14	25,71	
7	2897 PF	09:49:55	09:50:03	00:00:08	12,50	45,00	
8	3427 CG	09:50:18	09:50:33	00:00:15	6,67	24,00	
9	H 9800 W	09:50:46	09:50:59	00:00:13	7,69	27,69	
10	4834 R	09:51:53	09:52:13	00:00:20	5,00	18,00	
11	3369 B	09:52:27	09:52:43	00:00:16	6,25	22,50	
12	5539 B	09:54:11	09:54:30	00:00:19	5,26	18,95	
13	H 6092 KP	09:54:50	09:55:07	00:00:17	5,88	21,18	
14	6693 FG	09:55:26	09:55:44	00:00:18	5,56	20,00	
15	B 6802 CD	09:55:38	09:55:54	00:00:16	6,25	22,50	
16	5606 AU	09:56:14	09:56:33	00:00:19	5,26	18,95	

17	2737 DH	09:56:57	09:57:10	00:00:13	7,69	27,69	
18	2840 DF	09:57:57	09:58:12	00:00:15	6,67	24,00	
19	3335 UH	09:58:16	09:58:36	00:00:20	5,00	18,00	
20	4141 FK	09:59:18	09:59:29	00:00:11	9,09	32,73	
21	2530 B	09:59:37	09:59:55	00:00:18	5,56	20,00	
14.00-14.15	5038 B	14:02:55	14:02:59	00:00:04	25,00	90,00	36,53
2	4495 EF	14:03:51	14:04:03	00:00:12	8,33	30,00	
3	2491 AB	14:04:12	14:04:26	00:00:14	7,14	25,71	
4	4033 BY	14:05:15	14:05:25	00:00:10	10,00	36,00	
5	4127 WK	14:05:35	14:05:49	00:00:14	7,14	25,71	
6	3845 KM	14:06:18	14:06:31	00:00:13	7,69	27,69	
7	5814 JT	14:06:50	14:06:59	00:00:09	11,11	40,00	
8	3761 B	14:07:05	14:07:11	00:00:06	16,67	60,00	
9	6197 YB	14:07:32	14:07:43	00:00:11	9,09	32,73	
10	4101 AB	14:09:00	14:09:15	00:00:15	6,67	24,00	
11	6641 GK	14:10:18	14:10:30	00:00:12	8,33	30,00	
12	3820 FT	14:10:36	14:10:44	00:00:08	12,50	45,00	
13	H 6733 AG	14:11:01	14:11:13	00:00:12	8,33	30,00	
14	3246 HN	14:11:31	14:11:42	00:00:11	9,09	32,73	
15	3747 DT	14:12:28	14:12:37	00:00:09	11,11	40,00	
16	5051 PK	14:12:50	14:13:02	00:00:12	8,33	30,00	
17	2747 EB	14:13:18	14:13:29	00:00:11	9,09	32,73	
18	3917 JT	14:13:50	14:14:01	00:00:11	9,09	32,73	
19	4717 AH	14:14:12	14:14:24	00:00:12	8,33	30,00	
20	6555 UB	14:14:25	14:14:35	00:00:10	10,00	36,00	
21	5140 KT	14:14:30	14:14:43	00:00:13	7,69	27,69	
22	4907 KT	14:14:50	14:14:58	00:00:08	12,50	45,00	
14.15-14.30	3340 PK	14:16:10	14:16:17	00:00:07	14,29	51,43	31,79
2	5558 RU	14:16:38	14:16:52	00:00:14	7,14	25,71	
3	4551 WB	14:17:07	14:17:20	00:00:13	7,69	27,69	
4	4291 KS	14:17:36	14:17:47	00:00:11	9,09	32,73	
5	5834 T	14:18:03	14:18:20	00:00:17	5,88	21,18	
6	1008 CR	14:18:10	14:18:20	00:00:10	10,00	36,00	
7	3766 LT	14:18:33	14:18:41	00:00:08	12,50	45,00	
8	3602 CB	14:19:10	14:19:25	00:00:15	6,67	24,00	
9	4556 B	14:19:36	14:19:45	00:00:09	11,11	40,00	
10	3551 NK	14:20:10	14:20:24	00:00:14	7,14	25,71	
11	5306 GK	14:20:39	14:20:51	00:00:12	8,33	30,00	
12	3469 A	14:21:25	14:21:37	00:00:12	8,33	30,00	
13	3584 B	14:21:48	14:22:03	00:00:15	6,67	24,00	
14	6531 JK	14:22:47	14:22:58	00:00:11	9,09	32,73	
15	8771 YB	14:23:08	14:23:18	00:00:10	10,00	36,00	
16	5428 JT	14:23:58	14:24:10	00:00:12	8,33	30,00	
17	4758 DF	14:24:50	14:25:01	00:00:11	9,09	32,73	
18	5000 VS	14:25:00	14:25:10	00:00:10	10,00	36,00	
19	3860 NN	14:26:16	14:26:29	00:00:13	7,69	27,69	
20	5708 AT	14:27:16	14:27:27	00:00:11	9,09	32,73	
21	5720 RB	14:27:35	14:27:45	00:00:10	10,00	36,00	

22	2432 CH	14:28:24	14:28:38	00:00:14	7,14	25,71	
23	K 2450 F	14:29:08	14:29:20	00:00:12	8,33	30,00	
24	4921 DK	14:29:27	14:29:39	00:00:12	8,33	30,00	
14.30-14.45	6022 JK	14:31:51	14:32:05	00:00:14	7,14	25,71	28,61
2	3513 EK	14:32:40	14:32:53	00:00:13	7,69	27,69	
3	4788 FF	14:34:14	14:34:28	00:00:14	7,14	25,71	
4	3854 FE	14:35:08	14:35:20	00:00:12	8,33	30,00	
5	3765 DK	14:36:05	14:36:15	00:00:10	10,00	36,00	
6	4874 AK	14:36:33	14:36:45	00:00:12	8,33	30,00	
7	3846 YF	14:37:24	14:37:37	00:00:13	7,69	27,69	
8	4844 QU	14:39:01	14:39:12	00:00:11	9,09	32,73	
9	3368 DB	14:40:42	14:40:55	00:00:13	7,69	27,69	
10	3585 QB	14:41:50	14:42:04	00:00:14	7,14	25,71	
11	3357 T	14:43:40	14:43:54	00:00:14	7,14	25,71	
14.45-15.00	3640 DK	14:47:17	14:47:31	00:00:14	7,14	25,71	31,53
2	2347 DB	14:47:50	14:48:02	00:00:12	8,33	30,00	
3	6814 YB	14:49:30	14:49:43	00:00:13	7,69	27,69	
4	6859 JK	14:51:06	14:51:16	00:00:10	10,00	36,00	
5	5711 KK	14:52:29	14:52:42	00:00:13	7,69	27,69	
6	6043 KB	14:53:00	14:53:12	00:00:12	8,33	30,00	
7	5853 HT	14:53:25	14:53:39	00:00:14	7,14	25,71	
8	3975 LK	14:55:14	14:55:26	00:00:12	8,33	30,00	
9	6761 EK	14:56:28	14:56:44	00:00:16	6,25	22,50	
10	4859 AJ	14:58:53	14:58:59	00:00:06	16,67	60,00	
15.00-15.15	4420 MG	15:01:01	15:01:13	00:00:12	8,33	30,00	29,06
2	3817 FZ	15:02:14	15:02:27	00:00:13	7,69	27,69	
3	6001 LK	15:03:55	15:04:10	00:00:15	6,67	24,00	
4	3037 CT	15:04:20	15:04:34	00:00:14	7,14	25,71	
5	4341 JA	15:04:50	15:05:03	00:00:13	7,69	27,69	
6	6438 AK	15:06:33	15:06:45	00:00:12	8,33	30,00	
7	6329 JK	15:07:15	15:07:28	00:00:13	7,69	27,69	
8	3801 FT	15:08:09	15:08:20	00:00:11	9,09	32,73	
9	6266 JB	15:10:20	15:10:33	00:00:13	7,69	27,69	
10	4446 BR	15:09:19	15:09:31	00:00:12	8,33	30,00	
11	5397 KT	15:14:10	15:14:21	00:00:11	9,09	32,73	
12	4451 HT	15:13:13	15:13:24	00:00:11	9,09	32,73	
15.15-15.30	3811 AB	15:15:20	15:15:31	00:00:11	9,09	32,73	30,41
2	6962 VB	15:17:00	15:17:12	00:00:12	8,33	30,00	
3	3835 HK	15:19:09	15:19:20	00:00:11	9,09	32,73	
4	2010 KT	15:20:57	15:21:09	00:00:12	8,33	30,00	
5	3166 FB	15:21:40	15:21:54	00:00:14	7,14	25,71	
6	3513 DU	15:23:56	15:24:03	00:00:07	14,29	51,43	
7	2445 DG	15:24:58	15:25:10	00:00:12	8,33	30,00	
8	4883 CT	15:26:04	15:26:17	00:00:13	7,69	27,69	
9	4085 VK	15:27:18	15:27:34	00:00:16	6,25	22,50	
10	4561 WA	15:28:11	15:28:26	00:00:15	6,67	24,00	
11	2565 JB	15:29:12	15:29:25	00:00:13	7,69	27,69	
15.30-15.45	6919 FK	15:31:21	15:31:34	00:00:13	7,69	27,69	28,07
2	2309 GB	15:32:25	15:32:37	00:00:12	8,33	30,00	
3	K 5182 K	15:35:00	15:35:14	00:00:14	7,14	25,71	

4	5548 K	15:36:38	15:36:52	00:00:14	7,14	25,71	
5	4545 TT	15:37:27	15:37:40	00:00:13	7,69	27,69	
6	2598 FA	15:39:14	15:39:27	00:00:13	7,69	27,69	
7	3926 MT	15:40:34	15:40:44	00:00:10	10,00	36,00	
8	6922 UB	15:41:00	15:41:16	00:00:16	6,25	22,50	
9	5919 TT	15:42:21	15:42:33	00:00:12	8,33	30,00	
10	4695 SP	15:43:50	15:44:03	00:00:13	7,69	27,69	
15.45-16.00	6637 TB	15:46:35	15:46:54	00:00:19	5,26	18,95	27,00
2	4814 YB	15:47:08	15:47:17	00:00:09	11,11	40,00	
3	5740 CT	15:50:28	15:50:48	00:00:20	5,00	18,00	
4	3509 CB	15:51:10	15:51:18	00:00:08	12,50	45,00	
5	3212 RE	15:52:15	15:52:28	00:00:13	7,69	27,69	
6	4557 MS	15:53:28	15:53:42	00:00:14	7,14	25,71	
7	6453 NB	15:55:01	15:55:20	00:00:19	5,26	18,95	
8	6377 JK	15:56:20	15:56:32	00:00:12	8,33	30,00	
9	8486 KK	15:57:40	15:57:58	00:00:18	5,56	20,00	
10	3043 YB	15:58:10	15:58:24	00:00:14	7,14	25,71	

Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

[illegible]

	Waktu	Kend ke-
15	06.00-06.15	7119 FB
20	2	1469 AG
25	3	1772 SS
27	4	1429 B
20	5	7777 NK
19	6	B 7611 SV
24	7	1674 AG
18	8	1416 AB
15	9	7595 KB
16	10	9116 ME
13	11	8282 NF
20	06.15-06.30	B 7794 JK
18	2	2610 B
20	3	8888 PB
16	4	9369 A
28	5	9503 QG
29	6	1720 AG
16	7	B 2772 TF
32	8	1556 AG
20	9	1510 EG
19	10	8286 B
24	11	1514 DG
12	12	1777 NG
23	13	1742 PB
25	14	R 9662 LB
21	15	7000 EG
24	16	8575 EL
18	17	1519 AB
13	18	9656 A
16	19	8864 LB
23	20	1439 AB
20	21	1511 AB
16	22	1438 AB
20	23	B 271 ET
23	24	8790
24	25	1421
23	26	8615
15	27	1672
36	28	9408

[illegible]

27	17	1035
30	18	9019
28	19	9011
28	20	8994
26	21	8650
25	22	1826
24	23	8030
20	24	8713
39	25	8945
20	26	7129
23	27	8704
26	28	1815
29	29	8211
24	30	1810
22	31	9199
20	32	8554
21	33	2772
22	34	8793
23	35	9309
24	36	8535
26	08.30-08.45	1512
21	2	8667
21	3	8509
15	4	1910
14	5	9856
22	6	8514
16	7	1173
21	8	1711
18	9	8020
22	10	1850
23	11	7777
17	12	7531
20	13	8899
26	14	1469
27	15	8473
20	16	8181
14	17	9016
21	18	9127
20	19	2633
21	20	485
21	21	1961
23	22	1447
24	23	1825
23	24	8096
22	25	8810
13	26	8932
19	27	7453
23	28	1596
24	29	8675
22	30	8695

5,41	19,46	18,50
6,35	22,86	15,75
4,74	17,08	21,08
5,36	19,31	18,65

15	39	9380
19	40	7033
17	41	1968
20	42	7855
18	43	7525
19	44	1160
20	45	8414
20	46	7808
18	47	8583

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Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

Waktu	Kend ke-
06.45-07.00	2789
2	2683
08.45-09.00	1545

Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

Waktu	Kend ke-
06.00-06.15	4997 TH
2	5909 AK
3	3470 CP
4	3544 GS
5	5005
6	6585
7	35 FB
8	4839 BT
9	3969
10	3579
11	4457
06.15-06.30	4366

[illegible]

13	4	553 BD
22	5	5043
21	6	4928 YB
15	7	6169
15	8	3490
12	9	2607 DB
12	10	4111 NT
9	11	3360 RK
7	14.15-14.30	3869
9	2	4702 AU
10	3	8546 SG
20	4	2147 JD
8	5	6901 CK
5	6	4601 RK
10	7	5345
12	8	6071
12	9	6816 LB
9	10	4531 K
12	14.30-14.45	2001
12	2	4252
11	3	3417
9	4	4801
14	5	4518
21	6	4014
11	7	5508
13	8	4791
12	9	3041
11	10	3567
9	11	4251
10	12	5328
12	13	3510
7	14.45-15.00	5605
11	2	6347
19	3	4251
19	4	5796
10	5	4840
10	6	4474
8	7	3566
9	8	2237
10	9	2544
15	10	2560
8	11	5029
9	15.00-15.15	4478
11	2	3404
6	3	515
20	4	5489
11	5	3454
11	6	5026
8	7	3537
15	8	5612

[illegible]

9	9	5203
6	10	6543
9	11	4470
10	12	3041
8	13	5122
13	14	4752
9	15.15-15.30	4491
10	2	3440
7	3	3564
13	4	4965
16	5	6055
15	6	3536
12	7	4760
13	8	5002
13	9	4626
13	10	6528
8	11	5207
9	12	6703
12	15.30-15.45	5839
19	2	2670
13	3	5309
11	4	3899
13	5	3628
7	6	2509
17	7	4320
5	8	2352
9	15.45-16.00	3401
12	2	5178
9	3	2098
9	4	5894
13	5	4066
13	6	6283
14	7	3647
15	8	5231
24	9	3319

Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

Waktu	Kend ke-
06.00-06.15	1181
2	8764
3	8550

[illegible]

14	8998
15.45-16.00	8211
2	7335
3	9241
4	8497
5	9027
6	1702
7	1723
8	9025
9	9099
10	7155
11	9133
12	1943
13	8456
14	9020
15	8437

Hari / Tanggal
Surveyor
Arah Arus
Jenis Kendaraan
Jarak

Waktu	Kend ke-
06.00-06.15	4558
2	5413
3	3689
4	6085
5	3945
6	5342
7	6463
8	6928 JB
9	5479 B
06.15-06.30	5080
2	2073
3	3004
4	3212 ET
5	4000 TB
6	2060
7	3114
8	4427
9	3782
10	5850
06.30-06.45	4083
2	3073
3	5005

6,85	24,66	14,60

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07.45-08.00	2344
2	G 6289 TA
3	3767
4	4056 JS
5	2311
6	6703
7	5357 KG
8	6742 BK
9	2185 KG
10	4265 MB
11	5787
12	5701
08.00-08.15	2224 B
2	4247 YP
3	4392 YG
4	2611 GB
5	5530
6	2720
7	5076 YG
8	3990 DT
9	4064
10	6140
11	4436 DT
08.15-08.30	4765
2	3415
3	6437
4	4977
5	4860 AS
6	3228 LT
7	2222
8	3595 B
9	4556
10	6101
11	2487 CR
12	4283 GG
08.30-08.45	4370 PC
2	3663 VB
3	3799
4	5184
5	6057
6	5955 KK
7	6241 GK
8	2527
9	4373
10	5320
11	3999 AP
12	2600 DB
13	5071 LG
08.45-09.00	5768
2	3165

3	6175
4	4768
5	2267
6	3698
7	3542
8	4921
9	5878
10	2740
09.00-09.15	3037
2	3817 KY
3	4475 GG
4	2565
5	6812 B
6	2508 AB
7	D 6292 Y
8	6991
9	5445
10	5500 WS
11	2877 MB
12	6563 MB
09.15-09.30	4453
2	5629
3	6548
4	4051
5	4543
6	4815
7	6889
8	6168
9	3664
10	4383 KB
09.30-09.45	4280
2	4747 CB
3	3260 VK
4	5242 DL
5	4432
6	3130 WG
7	4115
8	3430
9	8493 SB
10	3465
11	6777
12	6597 CH
09.45-10.00	4868
2	3055
3	6023
4	3233 KK
5	4290 RH
6	3208
7	4430 FT
8	8840 KB

9	5345 AB
10	2005
11	5556 KB
12	6746 MK
13	5299
14.00-14.15	4702
2	5478
3	5664
4	5532
5	6413 MB
6	6331 TK
7	5015 K
8	5073 DT
9	2760 QA
10	6541
14.15-14.30	4412
2	4137
3	4175 KK
4	4170 LT
5	5275
6	6090 MQ
7	4561 KP
8	4444 SG
9	6652
10	7206
11	4253 KT
14.30-14.45	5001
2	2812
3	4518
4	2533
5	2311
6	6579
7	4459 PF
8	6437 FH
9	5201 FK
10	3140 FT
14.45-15.00	4434
2	2660
3	2901
4	3268
5	4885
6	4910 WF
7	4719 AA
8	4341 K
9	5510 WK
10	5396
11	3172
15.00-15.15	6144
2	4460 KT
3	2097 PK

4	6314
5	9331
6	4227
7	3902
8	3618
9	3097
10	AE 4764 YG
15.15-15.30	2556
2	5589 YS
3	4723 EG
4	4013 LT
5	6450
6	5044 QH
7	3629 FV
8	3165 HC
9	4065
10	9746 VB
11	3235 FK
12	4811
15.30-15.45	2143
2	4148 B
3	3889 PK
4	3102 TB
5	2083
6	4444
7	2227
8	3252
9	5928
10	2279
11	4232 EP
15.45-16.00	4430
2	4492 WB
3	4154 MB
4	3882
5	4903
6	4225
7	3770
8	4856
9	5660

an Tempuh (Ada Parkir)

: Sabtu / 2 September 2006

: Ane, Darwanto+Bim-Bim, Rima, Udin, Dodi, Wahyu

: Solo - Wonogiri

: LV

: 100 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam
06:08:05	06:08:19	00:00:14	7,14	25,71	16,70
06:08:15	06:08:41	00:00:26	3,85	13,85	
06:08:56	06:09:13	00:00:17	5,88	21,18	
06:09:05	06:09:42	00:00:37	2,70	9,73	
06:09:31	06:09:53	00:00:22	4,55	16,36	
06:09:56	06:10:18	00:00:22	4,55	16,36	
06:10:11	06:10:40	00:00:29	3,45	12,41	
06:10:57	06:11:21	00:00:24	4,17	15,00	
06:11:54	06:12:43	00:00:49	2,04	7,35	
06:13:27	06:13:41	00:00:14	7,14	25,71	
06:14:37	06:14:55	00:00:18	5,56	20,00	
06:15:05	06:15:29	00:00:24	4,17	15,00	17,72
06:16:08	06:16:38	00:00:30	3,33	12,00	
06:16:20	06:16:42	00:00:22	4,55	16,36	
06:17:01	06:17:15	00:00:14	7,14	25,71	
06:17:47	06:17:59	00:00:12	8,33	30,00	
06:18:03	06:18:30	00:00:27	3,70	13,33	
06:18:30	06:18:43	00:00:13	7,69	27,69	
06:18:45	06:19:03	00:00:18	5,56	20,00	
06:19:09	06:19:28	00:00:19	5,26	18,95	
06:19:21	06:19:45	00:00:24	4,17	15,00	
06:19:44	06:20:04	00:00:20	5,00	18,00	
06:21:11	06:21:33	00:00:22	4,55	16,36	
06:21:14	06:21:37	00:00:23	4,35	15,65	
06:21:57	06:22:26	00:00:29	3,45	12,41	
06:22:00	06:22:31	00:00:31	3,23	11,61	
06:22:02	06:22:39	00:00:37	2,70	9,73	
06:22:25	06:22:50	00:00:25	4,00	14,40	
06:24:37	06:24:50	00:00:13	7,69	27,69	
06:24:38	06:24:56	00:00:18	5,56	20,00	
06:25:13	06:25:30	00:00:17	5,88	21,18	
06:25:41	06:25:59	00:00:18	5,56	20,00	
06:26:04	06:26:33	00:00:29	3,45	12,41	
06:26:24	06:26:43	00:00:19	5,26	18,95	
06:26:38	06:26:56	00:00:18	5,56	20,00	
06:26:40	06:27:08	00:00:28	3,57	12,86	
06:27:15	06:27:35	00:00:20	5,00	18,00	
06:28:41	06:29:04	00:00:23	4,35	15,65	
06:29:25	06:29:46	00:00:21	4,76	17,14	

06:30:09	06:30:23	00:00:14	7,14	25,71	19,03
06:30:24	06:30:56	00:00:32	3,13	11,25	
06:30:29	06:31:05	00:00:36	2,78	10,00	
06:31:03	06:31:19	00:00:16	6,25	22,50	
06:31:36	06:31:52	00:00:16	6,25	22,50	
06:32:15	06:32:34	00:00:19	5,26	18,95	
06:32:30	06:32:50	00:00:20	5,00	18,00	
06:32:58	06:33:20	00:00:22	4,55	16,36	
06:33:50	06:34:15	00:00:25	4,00	14,40	
06:34:04	06:34:36	00:00:32	3,13	11,25	
06:34:48	06:35:00	00:00:12	8,33	30,00	
06:35:38	06:35:47	00:00:09	11,11	40,00	
06:35:39	06:35:56	00:00:17	5,88	21,18	
06:35:51	06:36:15	00:00:24	4,17	15,00	
06:36:00	06:36:26	00:00:26	3,85	13,85	
06:36:05	06:36:30	00:00:25	4,00	14,40	
06:36:33	06:36:50	00:00:17	5,88	21,18	
06:36:42	06:37:05	00:00:23	4,35	15,65	
06:36:50	06:37:10	00:00:20	5,00	18,00	
06:37:16	06:37:36	00:00:20	5,00	18,00	
06:38:49	06:39:08	00:00:19	5,26	18,95	
06:39:45	06:39:59	00:00:14	7,14	25,71	
06:40:07	06:40:19	00:00:12	8,33	30,00	
06:40:24	06:40:40	00:00:16	6,25	22,50	
06:40:29	06:40:46	00:00:17	5,88	21,18	
06:40:43	06:41:10	00:00:27	3,70	13,33	
06:41:14	06:41:33	00:00:19	5,26	18,95	
06:41:53	06:42:10	00:00:17	5,88	21,18	
06:42:39	06:42:53	00:00:14	7,14	25,71	
06:42:59	06:43:20	00:00:21	4,76	17,14	
06:43:01	06:43:25	00:00:24	4,17	15,00	
06:43:31	06:43:50	00:00:19	5,26	18,95	
06:43:46	06:44:17	00:00:31	3,23	11,61	
06:43:59	06:44:25	00:00:26	3,85	13,85	
06:44:39	06:45:05	00:00:26	3,85	13,85	
06:45:50	06:46:05	00:00:15	6,67	24,00	19,76
06:45:57	06:46:09	00:00:12	8,33	30,00	
06:45:58	06:46:20	00:00:22	4,55	16,36	
06:46:12	06:46:35	00:00:23	4,35	15,65	
06:46:23	06:46:42	00:00:19	5,26	18,95	
06:46:34	06:46:54	00:00:20	5,00	18,00	
06:47:08	06:47:22	00:00:14	7,14	25,71	
06:47:16	06:47:22	00:00:06	16,67	60,00	
06:47:30	06:47:47	00:00:17	5,88	21,18	
06:47:42	06:48:01	00:00:19	5,26	18,95	
06:48:07	06:48:26	00:00:19	5,26	18,95	
06:48:26	06:48:42	00:00:16	6,25	22,50	
06:48:28	06:49:01	00:00:33	3,03	10,91	
06:48:57	06:49:11	00:00:14	7,14	25,71	
06:49:13	06:49:26	00:00:13	7,69	27,69	

06:49:37	06:49:56	00:00:19	5,26	18,95	
06:49:45	06:50:02	00:00:17	5,88	21,18	
06:50:11	06:50:32	00:00:21	4,76	17,14	
06:50:25	06:50:42	00:00:17	5,88	21,18	
06:50:35	06:50:47	00:00:12	8,33	30,00	
06:50:40	06:50:58	00:00:18	5,56	20,00	
06:50:40	06:51:04	00:00:24	4,17	15,00	
06:50:50	06:51:15	00:00:25	4,00	14,40	
06:51:12	06:51:30	00:00:18	5,56	20,00	
06:51:18	06:51:39	00:00:21	4,76	17,14	
06:51:40	06:52:01	00:00:21	4,76	17,14	
06:51:44	06:52:06	00:00:22	4,55	16,36	
06:52:05	06:52:21	00:00:16	6,25	22,50	
06:52:46	06:52:56	00:00:10	10,00	36,00	
06:52:57	06:53:18	00:00:21	4,76	17,14	
06:52:57	06:53:22	00:00:25	4,00	14,40	
06:53:45	06:54:21	00:00:36	2,78	10,00	
06:54:12	06:54:35	00:00:23	4,35	15,65	
06:54:37	06:54:53	00:00:16	6,25	22,50	
06:55:14	06:55:40	00:00:26	3,85	13,85	
06:55:27	06:55:50	00:00:23	4,35	15,65	
06:55:58	06:56:23	00:00:25	4,00	14,40	
06:56:08	06:56:29	00:00:21	4,76	17,14	
06:56:18	06:56:41	00:00:23	4,35	15,65	
06:56:45	06:57:04	00:00:19	5,26	18,95	
06:57:17	06:57:37	00:00:20	5,00	18,00	
06:57:25	06:57:51	00:00:26	3,85	13,85	
06:57:54	06:58:12	00:00:18	5,56	20,00	
06:57:54	06:58:31	00:00:37	2,70	9,73	
06:58:16	06:58:46	00:00:30	3,33	12,00	
06:58:51	06:59:08	00:00:17	5,88	21,18	
06:59:08	06:59:29	00:00:21	4,76	17,14	
06:59:14	06:59:35	00:00:21	4,76	17,14	
06:59:44	07:00:00	00:00:16	6,25	22,50	
07:00:00	07:00:25	00:00:25	4,00	14,40	22,15
07:00:09	07:00:29	00:00:20	5,00	18,00	
07:00:15	07:00:34	00:00:19	5,26	18,95	
07:00:36	07:00:56	00:00:20	5,00	18,00	
07:00:44	07:01:01	00:00:17	5,88	21,18	
07:00:49	07:01:08	00:00:19	5,26	18,95	
07:00:52	07:01:13	00:00:21	4,76	17,14	
07:01:03	07:01:50	00:00:47	2,13	7,66	
07:01:55	07:02:17	00:00:22	4,55	16,36	
07:02:00	07:02:20	00:00:20	5,00	18,00	
07:03:11	07:03:26	00:00:15	6,67	24,00	
07:03:35	07:03:48	00:00:13	7,69	27,69	
07:03:56	07:04:13	00:00:17	5,88	21,18	
07:04:15	07:04:25	00:00:10	10,00	36,00	
07:04:32	07:04:41	00:00:09	11,11	40,00	
07:04:33	07:04:45	00:00:12	8,33	30,00	

07:04:59	07:05:25	00:00:26	3,85	13,85	
07:05:14	07:05:37	00:00:23	4,35	15,65	
07:05:20	07:05:44	00:00:24	4,17	15,00	
07:06:44	07:07:00	00:00:16	6,25	22,50	
07:06:49	07:07:04	00:00:15	6,67	24,00	
07:07:00	07:07:19	00:00:19	5,26	18,95	
07:07:12	07:07:24	00:00:12	8,33	30,00	
07:07:35	07:07:55	00:00:20	5,00	18,00	
07:07:36	07:08:00	00:00:24	4,17	15,00	
07:08:18	07:08:29	00:00:11	9,09	32,73	
07:08:25	07:08:37	00:00:12	8,33	30,00	
07:08:46	07:09:03	00:00:17	5,88	21,18	
07:08:50	07:09:06	00:00:16	6,25	22,50	
07:09:05	07:09:20	00:00:15	6,67	24,00	
07:09:05	07:09:24	00:00:19	5,26	18,95	
07:09:13	07:09:30	00:00:17	5,88	21,18	
07:09:19	07:09:40	00:00:21	4,76	17,14	
07:09:45	07:10:05	00:00:20	5,00	18,00	
07:09:50	07:10:33	00:00:43	4,35	15,65	
07:11:35	07:11:48	00:00:13	7,69	27,69	
07:11:43	07:11:55	00:00:12	8,33	30,00	
07:11:44	07:11:58	00:00:14	7,14	25,71	
07:12:03	07:12:23	00:00:20	5,00	18,00	
07:12:35	07:12:47	00:00:12	8,33	30,00	
07:12:42	07:12:54	00:00:12	8,33	30,00	
07:12:53	07:13:03	00:00:10	10,00	36,00	
07:12:54	07:13:05	00:00:11	9,09	32,73	
07:13:29	07:13:52	00:00:23	4,35	15,65	
07:14:54	07:15:33	00:00:39	2,56	9,23	
07:16:02	07:16:23	00:00:21	4,76	17,14	23,80
07:16:14	07:16:30	00:00:16	6,25	22,50	
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08:12:33	08:12:50	00:00:17	5,88	21,18	
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14:58:27	14:58:44	00:00:17	5,88	21,18	
14:58:50	14:59:00	00:00:10	10,00	36,00	
14:59:00	14:59:11	00:00:11	9,09	32,73	
14:59:10	14:59:36	00:00:26	3,85	13,85	
14:59:33	14:59:50	00:00:17	5,88	21,18	
14:59:42	14:59:59	00:00:17	5,88	21,18	
15:00:04	15:00:22	00:00:18	5,56	20,00	25,18
15:00:17	15:00:25	00:00:08	12,50	45,00	
15:01:37	15:01:54	00:00:17	5,88	21,18	
15:02:00	15:02:15	00:00:15	6,67	24,00	
15:02:37	15:02:53	00:00:16	6,25	22,50	
15:02:47	15:03:08	00:00:21	4,76	17,14	
15:02:59	15:03:15	00:00:16	6,25	22,50	
15:03:32	15:03:51	00:00:19	5,26	18,95	
15:03:39	15:03:56	00:00:17	5,88	21,18	
15:03:55	15:04:05	00:00:10	10,00	36,00	
15:04:09	15:04:15	00:00:06	16,67	60,00	
15:04:16	15:04:32	00:00:16	6,25	22,50	
15:05:00	15:05:09	00:00:09	11,11	40,00	
15:05:08	15:05:20	00:00:12	8,33	30,00	
15:05:20	15:05:34	00:00:14	7,14	25,71	
15:06:12	15:06:28	00:00:16	6,25	22,50	
15:06:27	15:06:39	00:00:12	8,33	30,00	
15:07:01	15:07:19	00:00:18	5,56	20,00	
15:07:19	15:07:34	00:00:15	6,67	24,00	
15:07:28	15:07:53	00:00:25	4,00	14,40	
15:07:54	15:08:07	00:00:13	7,69	27,69	
15:08:00	15:08:13	00:00:13	7,69	27,69	
15:08:08	15:08:19	00:00:11	9,09	32,73	
15:09:04	15:09:18	00:00:14	7,14	25,71	
15:09:10	15:09:29	00:00:19	5,26	18,95	
15:10:09	15:10:31	00:00:22	4,55	16,36	
15:12:10	15:12:26	00:00:16	6,25	22,50	
15:12:16	15:12:36	00:00:20	5,00	18,00	
15:12:40	15:12:59	00:00:19	5,26	18,95	
15:12:45	15:13:03	00:00:18	5,56	20,00	
15:12:49	15:13:06	00:00:17	5,88	21,18	
15:12:51	15:13:10	00:00:19	5,26	18,95	
15:13:25	15:13:37	00:00:12	8,33	30,00	
15:13:35	15:13:51	00:00:16	6,25	22,50	
15:13:50	15:14:05	00:00:15	6,67	24,00	
15:14:01	15:14:19	00:00:18	5,56	20,00	

15:14:34	15:14:47	00:00:13	7,69	27,69	
15:14:38	15:14:52	00:00:14	7,14	25,71	
15:14:54	15:15:08	00:00:14	7,14	25,71	
15:15:04	15:15:11	00:00:07	14,29	51,43	25,16
15:15:09	15:15:20	00:00:11	9,09	32,73	
15:15:16	15:16:06	00:00:50	2,00	7,20	
15:16:11	15:16:30	00:00:19	5,26	18,95	
15:16:14	15:16:36	00:00:22	4,55	16,36	
15:16:48	15:17:02	00:00:14	7,14	25,71	
15:17:04	15:17:23	00:00:19	5,26	18,95	
15:17:07	15:17:26	00:00:19	5,26	18,95	
15:17:17	15:17:35	00:00:18	5,56	20,00	
15:17:20	15:17:38	00:00:18	5,56	20,00	
15:17:31	15:17:45	00:00:14	7,14	25,71	
15:17:43	15:18:06	00:00:23	4,35	15,65	
15:18:10	15:18:22	00:00:12	8,33	30,00	
15:18:53	15:19:04	00:00:11	9,09	32,73	
15:19:01	15:19:14	00:00:13	7,69	27,69	
15:19:07	15:19:20	00:00:13	7,69	27,69	
15:19:11	15:19:25	00:00:14	7,14	25,71	
15:19:17	15:19:35	00:00:18	5,56	20,00	
15:19:25	15:19:45	00:00:20	5,00	18,00	
15:20:12	15:20:22	00:00:10	10,00	36,00	
15:20:19	15:20:32	00:00:13	7,69	27,69	
15:20:27	15:20:40	00:00:13	7,69	27,69	
15:20:34	15:20:46	00:00:12	8,33	30,00	
15:26:58	15:27:14	00:00:16	6,25	22,50	
15:28:49	15:29:00	00:00:11	9,09	32,73	
15:29:30	15:29:45	00:00:15	6,67	24,00	
15:30:05	15:30:15	00:00:10	10,00	36,00	28,70
15:30:18	15:30:31	00:00:13	7,69	27,69	
15:31:19	15:31:31	00:00:12	8,33	30,00	
15:32:02	15:32:13	00:00:11	9,09	32,73	
15:32:34	15:32:49	00:00:15	6,67	24,00	
15:33:03	15:33:15	00:00:12	8,33	30,00	
15:34:10	15:34:29	00:00:19	5,26	18,95	
15:34:21	15:34:42	00:00:21	4,76	17,14	
15:34:35	15:34:50	00:00:15	6,67	24,00	
15:34:41	15:34:59	00:00:18	5,56	20,00	
15:35:11	15:35:22	00:00:11	9,09	32,73	
15:35:50	15:36:00	00:00:10	10,00	36,00	
15:36:05	15:36:16	00:00:11	9,09	32,73	
15:36:08	15:36:20	00:00:12	8,33	30,00	
15:36:29	15:36:40	00:00:11	9,09	32,73	
15:36:37	15:36:56	00:00:19	5,26	18,95	
15:37:37	15:37:50	00:00:13	7,69	27,69	
15:37:56	15:38:06	00:00:10	10,00	36,00	
15:38:39	15:39:02	00:00:23	4,35	15,65	
15:38:54	15:39:10	00:00:16	6,25	22,50	
15:40:44	15:41:05	00:00:21	4,76	17,14	

15:40:59	15:41:05	00:00:06	16,67	60,00	
15:41:14	15:41:28	00:00:14	7,14	25,71	
15:41:57	15:42:01	00:00:04	25,00	90,00	
15:42:03	15:42:14	00:00:11	9,09	32,73	
15:42:21	15:42:37	00:00:16	6,25	22,50	
15:42:33	15:42:43	00:00:10	10,00	36,00	
15:42:43	15:43:00	00:00:17	5,88	21,18	
15:42:54	15:43:10	00:00:16	6,25	22,50	
15:43:36	15:43:50	00:00:14	7,14	25,71	
15:43:41	15:43:59	00:00:18	5,56	20,00	
15:43:47	15:44:10	00:00:23	4,35	15,65	
15:44:37	15:45:06	00:00:29	3,45	12,41	
15:45:07	15:45:24	00:00:17	5,88	21,18	22,32
15:45:10	15:45:30	00:00:20	5,00	18,00	
15:45:30	15:45:47	00:00:17	5,88	21,18	
15:45:37	15:45:54	00:00:17	5,88	21,18	
15:45:51	15:46:07	00:00:16	6,25	22,50	
15:45:59	15:46:17	00:00:18	5,56	20,00	
15:46:08	15:46:30	00:00:22	4,55	16,36	
15:46:45	15:47:00	00:00:15	6,67	24,00	
15:46:56	15:47:10	00:00:14	7,14	25,71	
15:47:02	15:47:15	00:00:13	7,69	27,69	
15:47:15	15:48:51	00:01:36	2,78	10,00	
15:48:47	15:49:08	00:00:21	4,76	17,14	
15:48:50	15:49:18	00:00:28	3,57	12,86	
15:49:09	15:49:30	00:00:21	4,76	17,14	
15:49:37	15:49:50	00:00:13	7,69	27,69	
15:49:41	15:49:56	00:00:15	6,67	24,00	
15:50:04	15:50:20	00:00:16	6,25	22,50	
15:50:08	15:50:25	00:00:17	5,88	21,18	
15:50:20	15:50:35	00:00:15	6,67	24,00	
15:50:23	15:50:43	00:00:20	5,00	18,00	
15:50:40	15:50:55	00:00:15	6,67	24,00	
15:50:43	15:51:00	00:00:17	5,88	21,18	
15:50:37	15:51:54	00:01:17	5,88	21,18	
15:50:40	15:51:59	00:01:19	5,26	18,95	
15:50:49	15:52:04	00:01:15	6,67	24,00	
15:51:02	15:52:15	00:01:13	7,69	27,69	
15:53:01	15:53:14	00:00:13	7,69	27,69	
15:53:19	15:53:31	00:00:12	8,33	30,00	
15:53:20	15:53:38	00:00:18	5,56	20,00	
15:53:31	15:53:44	00:00:13	7,69	27,69	
15:54:00	15:54:22	00:00:22	4,55	16,36	
15:54:11	15:54:20	00:00:09	11,11	40,00	
15:54:27	15:54:46	00:00:19	5,26	18,95	
15:54:42	15:54:59	00:00:17	5,88	21,18	
15:55:17	15:55:37	00:00:20	5,00	18,00	
15:55:30	15:55:51	00:00:21	4,76	17,14	
15:55:36	15:55:59	00:00:23	4,35	15,65	
15:56:12	15:56:27	00:00:15	6,67	24,00	

15:56:31	15:56:48	00:00:17	5,88	21,18	
15:56:57	15:57:12	00:00:15	6,67	24,00	
15:57:23	15:57:40	00:00:17	5,88	21,18	
15:57:56	15:58:12	00:00:16	6,25	22,50	
15:58:03	15:58:17	00:00:14	7,14	25,71	
15:58:16	15:58:30	00:00:14	7,14	25,71	
15:59:01	15:59:12	00:00:11	9,09	32,73	
15:59:07	15:59:18	00:00:11	9,09	32,73	
15:59:14	15:59:35	00:00:21	4,76	17,14	

: Sabtu / 2 September 2006

: Udin dan Dodi

: Solo - Wonogiri

: HV

: 100 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam
06:46:57	06:47:13	00:00:16	6,25	22,50	21,25
06:46:58	06:47:16	00:00:18	5,56	20,00	
08:54:16	08:54:50	00:00:34	2,94	10,59	10,59

: Sabtu / 2 September 2006

: Rangga dan Kusnandar

: Solo - Wonogiri

: Sepeda motor (MC)

: 100 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam
06:06:12	06:06:26	00:00:14	7,14	25,71	23,47
06:07:11	06:07:29	00:00:18	5,56	20,00	
06:07:45	06:07:59	00:00:14	7,14	25,71	
06:09:14	06:09:27	00:00:13	7,69	27,69	
06:09:37	06:09:51	00:00:14	7,14	25,71	
06:10:14	06:10:36	00:00:22	4,55	16,36	
06:11:42	06:11:58	00:00:16	6,25	22,50	
06:12:19	06:12:34	00:00:15	6,67	24,00	
06:12:45	06:13:00	00:00:15	6,67	24,00	
06:13:00	06:13:15	00:00:15	6,67	24,00	
06:14:44	06:15:00	00:00:16	6,25	22,50	
06:15:36	06:15:53	00:00:17	5,88	21,18	29,15

06:15:56	06:16:15	00:00:19	5,26	18,95	
06:16:11	06:16:25	00:00:14	7,14	25,71	
06:17:14	06:17:34	00:00:20	5,00	18,00	
06:18:08	06:18:21	00:00:13	7,69	27,69	
06:18:55	06:19:10	00:00:15	6,67	24,00	
06:19:09	06:19:30	00:00:21	4,76	17,14	
06:20:34	06:20:45	00:00:11	9,09	32,73	
06:23:44	06:23:54	00:00:10	10,00	36,00	
06:24:42	06:24:50	00:00:08	12,50	45,00	
06:24:54	06:25:04	00:00:10	10,00	36,00	
06:25:19	06:25:30	00:00:11	9,09	32,73	
06:26:28	06:26:45	00:00:17	5,88	21,18	
06:28:49	06:28:57	00:00:08	12,50	45,00	
06:29:13	06:29:23	00:00:10	10,00	36,00	
06:31:17	06:31:36	00:00:19	5,26	18,95	22,02
06:31:36	06:31:52	00:00:16	6,25	22,50	
06:33:24	06:33:47	00:00:23	4,35	15,65	
06:33:45	06:34:04	00:00:19	5,26	18,95	
06:34:24	06:34:42	00:00:18	5,56	20,00	
06:35:04	06:35:25	00:00:21	4,76	17,14	
06:36:04	06:36:17	00:00:13	7,69	27,69	
06:36:32	06:36:51	00:00:19	5,26	18,95	
06:37:36	06:37:45	00:00:09	11,11	40,00	
06:37:55	06:38:11	00:00:16	6,25	22,50	
06:38:19	06:38:28	00:00:09	11,11	40,00	
06:40:48	06:41:08	00:00:20	5,00	18,00	
06:41:48	06:42:07	00:00:19	5,26	18,95	
06:42:03	06:42:26	00:00:23	4,35	15,65	
06:42:31	06:42:51	00:00:20	5,00	18,00	
06:44:18	06:44:37	00:00:19	5,26	18,95	
06:44:34	06:44:50	00:00:16	6,25	22,50	
06:48:28	06:48:43	00:00:15	6,67	24,00	22,12
06:48:35	06:48:49	00:00:14	7,14	25,71	
06:50:48	06:51:07	00:00:19	5,26	18,95	
06:51:20	06:51:36	00:00:16	6,25	22,50	
06:53:41	06:53:59	00:00:18	5,56	20,00	
06:54:05	06:54:18	00:00:13	7,69	27,69	
06:54:30	06:54:46	00:00:16	6,25	22,50	
06:55:28	06:55:43	00:00:15	6,67	24,00	
06:56:12	06:56:29	00:00:17	5,88	21,18	
06:57:09	06:57:27	00:00:18	5,56	20,00	
06:58:17	06:58:35	00:00:18	5,56	20,00	
06:59:01	06:59:20	00:00:19	5,26	18,95	
07:01:27	07:01:38	00:00:11	9,09	32,73	25,80
07:01:42	07:01:57	00:00:15	6,67	24,00	
07:06:11	07:06:33	00:00:22	4,55	16,36	
07:07:35	07:07:52	00:00:17	5,88	21,18	
07:08:53	07:09:06	00:00:13	7,69	27,69	
07:09:12	07:09:26	00:00:14	7,14	25,71	
07:10:09	07:10:33	00:00:24	4,17	15,00	

07:10:20	07:10:38	00:00:18	5,56	20,00	
07:11:44	07:11:57	00:00:13	7,69	27,69	
07:11:53	07:12:07	00:00:14	7,14	25,71	
07:12:01	07:12:16	00:00:15	6,67	24,00	
07:12:51	07:13:05	00:00:14	7,14	25,71	
07:13:27	07:13:33	00:00:06	16,67	60,00	
07:13:51	07:14:08	00:00:17	5,88	21,18	
07:14:37	07:14:55	00:00:18	5,56	20,00	
07:15:38	07:15:50	00:00:12	8,33	30,00	25,88
07:16:06	07:16:20	00:00:14	7,14	25,71	
07:16:16	07:16:28	00:00:12	8,33	30,00	
07:17:13	07:17:37	00:00:24	4,17	15,00	
07:17:50	07:18:01	00:00:11	9,09	32,73	
07:18:03	07:18:14	00:00:11	9,09	32,73	
07:18:13	07:18:26	00:00:13	7,69	27,69	
07:18:54	07:19:12	00:00:18	5,56	20,00	
07:20:48	07:21:03	00:00:15	6,67	24,00	
07:21:18	07:21:28	00:00:10	10,00	36,00	
07:21:27	07:21:40	00:00:13	7,69	27,69	
07:22:19	07:22:32	00:00:13	7,69	27,69	
07:22:36	07:22:51	00:00:15	6,67	24,00	
07:23:09	07:23:25	00:00:16	6,25	22,50	
07:23:23	07:23:38	00:00:15	6,67	24,00	
07:23:42	07:23:57	00:00:15	6,67	24,00	
07:24:19	07:24:35	00:00:16	6,25	22,50	
07:24:28	07:24:46	00:00:18	5,56	20,00	
07:25:06	07:25:20	00:00:14	7,14	25,71	
07:25:26	07:25:40	00:00:14	7,14	25,71	
07:32:17	07:32:32	00:00:15	6,67	24,00	25,89
07:33:25	07:33:41	00:00:16	6,25	22,50	
07:34:03	07:34:16	00:00:13	7,69	27,69	
07:34:51	07:35:04	00:00:13	7,69	27,69	
07:35:57	07:36:08	00:00:11	9,09	32,73	
07:36:08	07:36:25	00:00:17	5,88	21,18	
07:36:46	07:36:59	00:00:13	7,69	27,69	
07:37:13	07:37:24	00:00:11	9,09	32,73	
07:37:25	07:37:38	00:00:13	7,69	27,69	
07:37:33	07:37:46	00:00:13	7,69	27,69	
07:39:30	07:39:44	00:00:14	7,14	25,71	
07:39:39	07:40:09	00:00:30	3,33	12,00	
07:41:14	07:41:27	00:00:13	7,69	27,69	
07:41:24	07:41:39	00:00:15	6,67	24,00	
07:41:52	07:42:04	00:00:12	8,33	30,00	
07:42:07	07:42:29	00:00:22	4,55	16,36	
07:42:47	07:42:58	00:00:11	9,09	32,73	
07:45:10	07:45:26	00:00:16	6,25	22,50	21,53
07:45:26	07:45:46	00:00:20	5,00	18,00	
07:46:46	07:46:58	00:00:12	8,33	30,00	
07:47:01	07:47:14	00:00:13	7,69	27,69	
07:47:55	07:48:09	00:00:14	7,14	25,71	

07:48:18	07:48:40	00:00:22	4,55	16,36	
07:49:49	07:50:07	00:00:18	5,56	20,00	
07:50:44	07:51:02	00:00:18	5,56	20,00	
07:51:32	07:51:50	00:00:18	5,56	20,00	
07:53:28	07:53:48	00:00:20	5,00	18,00	
07:53:44	07:54:01	00:00:17	5,88	21,18	
07:59:02	07:59:21	00:00:19	5,26	18,95	
08:00:10	08:00:25	00:00:15	6,67	24,00	25,26
08:00:37	08:00:55	00:00:18	5,56	20,00	
08:01:07	08:01:20	00:00:13	7,69	27,69	
08:02:50	08:03:03	00:00:13	7,69	27,69	
08:04:02	08:04:16	00:00:14	7,14	25,71	
08:07:44	08:07:59	00:00:15	6,67	24,00	
08:11:36	08:11:50	00:00:14	7,14	25,71	
08:13:14	08:13:30	00:00:16	6,25	22,50	
08:14:29	08:14:41	00:00:12	8,33	30,00	
08:19:29	08:19:57	00:00:28	3,57	12,86	20,61
08:21:39	08:22:03	00:00:24	4,17	15,00	
08:24:12	08:24:31	00:00:19	5,26	18,95	
08:24:37	08:24:55	00:00:18	5,56	20,00	
08:24:58	08:25:12	00:00:14	7,14	25,71	
08:25:43	08:26:00	00:00:17	5,88	21,18	
08:25:55	08:26:12	00:00:17	5,88	21,18	
08:27:17	08:27:29	00:00:12	8,33	30,00	
08:30:45	08:30:57	00:00:12	8,33	30,00	25,85
08:30:52	08:31:07	00:00:15	6,67	24,00	
08:31:09	08:31:21	00:00:12	8,33	30,00	
08:31:50	08:32:10	00:00:20	5,00	18,00	
08:32:18	08:32:30	00:00:12	8,33	30,00	
08:33:11	08:33:24	00:00:13	7,69	27,69	
08:39:10	08:39:31	00:00:21	4,76	17,14	
08:39:25	08:39:39	00:00:14	7,14	25,71	
08:40:19	08:40:33	00:00:14	7,14	25,71	
08:42:53	08:43:08	00:00:15	6,67	24,00	
08:43:04	08:43:14	00:00:10	10,00	36,00	
08:43:16	08:43:40	00:00:24	4,17	15,00	
08:43:58	08:44:09	00:00:11	9,09	32,73	
08:45:26	08:45:38	00:00:12	8,33	30,00	26,62
08:45:44	08:45:57	00:00:13	7,69	27,69	
08:46:02	08:46:16	00:00:14	7,14	25,71	
08:46:25	08:46:38	00:00:13	7,69	27,69	
08:46:51	08:47:04	00:00:13	7,69	27,69	
08:52:58	08:53:10	00:00:12	8,33	30,00	
08:53:40	08:53:52	00:00:12	8,33	30,00	
08:53:52	08:54:50	00:00:58	1,72	6,21	
08:54:48	08:54:59	00:00:11	9,09	32,73	
08:55:00	08:55:12	00:00:12	8,33	30,00	
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09:00:05	09:00:17	00:00:12	8,33	30,00	25,90

09:00:57	09:01:09	00:00:12	8,33	30,00	
09:01:12	09:01:26	00:00:14	7,14	25,71	
09:07:09	09:07:30	00:00:21	4,76	17,14	
09:07:31	09:07:44	00:00:13	7,69	27,69	
09:07:45	09:08:06	00:00:21	4,76	17,14	
09:12:07	09:12:20	00:00:13	7,69	27,69	
09:13:41	09:13:54	00:00:13	7,69	27,69	
09:14:40	09:14:52	00:00:12	8,33	30,00	
09:15:03	09:15:16	00:00:13	7,69	27,69	26,23
09:16:43	09:17:10	00:00:27	3,70	13,33	
09:17:31	09:17:42	00:00:11	9,09	32,73	
09:17:41	09:17:56	00:00:15	6,67	24,00	
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09:23:18	09:23:30	00:00:12	8,33	30,00	
09:25:03	09:25:20	00:00:17	5,88	21,18	
09:25:18	09:25:29	00:00:11	9,09	32,73	
09:25:47	09:25:59	00:00:12	8,33	30,00	
09:26:46	09:27:02	00:00:16	6,25	22,50	
09:28:42	09:28:55	00:00:13	7,69	27,69	
09:29:04	09:29:20	00:00:16	6,25	22,50	
09:29:22	09:29:35	00:00:13	7,69	27,69	
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09:30:11	09:30:30	00:00:19	5,26	18,95	25,99
09:30:34	09:30:46	00:00:12	8,33	30,00	
09:30:58	09:31:11	00:00:13	7,69	27,69	
09:32:12	09:32:23	00:00:11	9,09	32,73	
09:32:25	09:32:41	00:00:16	6,25	22,50	
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09:35:29	09:35:42	00:00:13	7,69	27,69	
09:38:13	09:38:25	00:00:12	8,33	30,00	
09:40:21	09:40:36	00:00:15	6,67	24,00	
09:41:11	09:41:30	00:00:19	5,26	18,95	
09:42:38	09:42:51	00:00:13	7,69	27,69	
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09:46:40	09:46:54	00:00:14	7,14	25,71	
09:49:32	09:49:44	00:00:12	8,33	30,00	
09:53:23	09:53:42	00:00:19	5,26	18,95	
09:54:16	09:54:37	00:00:21	4,76	17,14	
09:54:32	09:54:47	00:00:15	6,67	24,00	
09:55:15	09:55:36	00:00:21	4,76	17,14	
09:56:01	09:56:19	00:00:18	5,56	20,00	
09:57:08	09:57:35	00:00:27	3,70	13,33	
09:57:52	09:58:13	00:00:21	4,76	17,14	
09:58:27	09:58:42	00:00:15	6,67	24,00	
09:59:01	09:59:20	00:00:19	5,26	18,95	
14:04:23	14:04:42	00:00:19	5,26	18,95	17,97
14:05:56	14:06:13	00:00:17	5,88	21,18	
14:07:06	14:07:39	00:00:33	3,03	10,91	

14:08:18	14:08:38	00:00:20	5,00	18,00	
14:09:19	14:09:48	00:00:29	3,45	12,41	
14:10:18	14:10:33	00:00:15	6,67	24,00	
14:11:08	14:11:41	00:00:33	3,03	10,91	
14:12:03	14:12:37	00:00:34	2,94	10,59	
14:13:04	14:13:20	00:00:16	6,25	22,50	
14:14:18	14:14:32	00:00:14	7,14	25,71	
14:14:43	14:14:59	00:00:16	6,25	22,50	
14:17:36	14:18:00	00:00:24	4,17	15,00	16,03
14:19:20	14:19:39	00:00:19	5,26	18,95	
14:20:15	14:20:36	00:00:21	4,76	17,14	
14:21:47	14:22:03	00:00:16	6,25	22,50	
14:22:50	14:23:13	00:00:23	4,35	15,65	
14:23:58	14:24:19	00:00:21	4,76	17,14	
14:25:54	14:26:25	00:00:31	3,23	11,61	
14:27:02	14:27:40	00:00:38	2,63	9,47	
14:29:10	14:29:36	00:00:26	3,85	13,85	
14:29:26	14:29:45	00:00:19	5,26	18,95	
14:33:32	14:34:08	00:00:36	2,78	10,00	11,75
14:34:12	14:34:44	00:00:32	3,13	11,25	
14:35:26	14:35:59	00:00:33	3,03	10,91	
14:35:40	14:36:10	00:00:30	3,33	12,00	
14:35:53	14:36:25	00:00:32	3,13	11,25	
14:37:15	14:37:45	00:00:30	3,33	12,00	
14:37:38	14:38:06	00:00:28	3,57	12,86	
14:37:51	14:38:24	00:00:33	3,03	10,91	
14:39:22	14:39:48	00:00:26	3,85	13,85	
14:39:52	14:40:20	00:00:28	3,57	12,86	
14:40:40	14:41:11	00:00:31	3,23	11,61	
14:41:39	14:42:08	00:00:29	3,45	12,41	
14:44:13	14:44:46	00:00:33	3,03	10,91	
14:45:18	14:45:47	00:00:29	3,45	12,41	11,73
14:45:30	14:46:00	00:00:30	3,33	12,00	
14:46:05	14:46:32	00:00:27	3,70	13,33	
14:48:08	14:48:39	00:00:31	3,23	11,61	
14:48:41	14:49:25	00:00:44	2,27	8,18	
14:52:58	14:53:43	00:00:45	2,22	8,00	
14:54:00	14:54:31	00:00:31	3,23	11,61	
14:55:33	14:56:02	00:00:29	3,45	12,41	
14:58:56	14:59:20	00:00:24	4,17	15,00	
14:59:12	14:59:40	00:00:28	3,57	12,86	
14:59:56	15:00:27	00:00:31	3,23	11,61	
15:02:20	15:02:45	00:00:25	4,00	14,40	13,16
15:02:28	15:02:56	00:00:28	3,57	12,86	
15:03:25	15:03:39	00:00:14	7,14	25,71	
15:04:02	15:04:25	00:00:23	4,35	15,65	
15:04:16	15:04:44	00:00:28	3,57	12,86	
15:04:43	15:05:18	00:00:35	2,86	10,29	
15:06:08	15:06:45	00:00:37	2,70	9,73	
15:07:49	15:08:17	00:00:28	3,57	12,86	

15:08:27	15:08:59	00:00:32	3,13	11,25	
15:09:12	15:09:42	00:00:30	3,33	12,00	
15:10:59	15:11:27	00:00:28	3,57	12,86	
15:13:36	15:14:09	00:00:33	3,03	10,91	
15:13:47	15:14:19	00:00:32	3,13	11,25	
15:14:09	15:14:40	00:00:31	3,23	11,61	
15:15:47	15:16:14	00:00:27	3,70	13,33	11,49
15:15:59	15:16:30	00:00:31	3,23	11,61	
15:16:28	15:17:02	00:00:34	2,94	10,59	
15:17:19	15:17:50	00:00:31	3,23	11,61	
15:19:08	15:19:50	00:00:42	2,38	8,57	
15:19:46	15:20:26	00:00:40	2,50	9,00	
15:20:17	15:20:43	00:00:26	3,85	13,85	
15:21:55	15:22:24	00:00:29	3,45	12,41	
15:22:23	15:22:51	00:00:28	3,57	12,86	
15:23:46	15:24:27	00:00:41	2,44	8,78	
15:25:48	15:26:17	00:00:29	3,45	12,41	
15:28:36	15:29:04	00:00:28	3,57	12,86	
15:31:28	15:31:50	00:00:22	4,55	16,36	13,72
15:31:57	15:32:26	00:00:29	3,45	12,41	
15:32:26	15:32:50	00:00:24	4,17	15,00	
15:34:54	15:35:22	00:00:28	3,57	12,86	
15:39:33	15:39:50	00:00:17	5,88	21,18	
15:41:21	15:41:53	00:00:32	3,13	11,25	
15:43:29	15:44:07	00:00:38	2,63	9,47	
15:44:23	15:44:55	00:00:32	3,13	11,25	
15:45:34	15:46:10	00:00:36	2,78	10,00	11,19
15:46:50	15:47:21	00:00:31	3,23	11,61	
15:52:02	15:52:35	00:00:33	3,03	10,91	
15:52:15	15:52:44	00:00:29	3,45	12,41	
15:52:25	15:52:56	00:00:31	3,23	11,61	
15:54:18	15:54:46	00:00:28	3,57	12,86	
15:55:20	15:55:55	00:00:35	2,86	10,29	
15:56:22	15:56:59	00:00:37	2,70	9,73	
15:58:58	15:59:30	00:00:32	3,13	11,25	

: Sabtu / 2 September 2006
 : Joko Susilo, Rio, Purwanto, Susilo
 : Wonogiri - Solo
 : LV
 : 100 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam
06:09:18	06:09:54	00:00:36	2,78	10,00	10,44
06:09:33	06:10:08	00:00:35	2,86	10,29	
06:09:42	06:10:15	00:00:33	3,03	10,91	

06:09:48	06:10:30	00:00:42	2,38	8,57	
06:10:40	06:11:15	00:00:35	2,86	10,29	
06:10:59	06:11:30	00:00:31	3,23	11,61	
06:11:20	06:12:06	00:00:46	2,17	7,83	
06:11:35	06:12:20	00:00:45	2,22	8,00	
06:13:05	06:13:33	00:00:28	3,57	12,86	
06:13:10	06:13:48	00:00:38	2,63	9,47	
06:14:27	06:14:51	00:00:24	4,17	15,00	
06:15:05	06:15:45	00:00:40	2,50	9,00	9,26
06:15:49	06:16:24	00:00:35	2,86	10,29	
06:16:19	06:16:55	00:00:36	2,78	10,00	
06:16:28	06:17:05	00:00:37	2,70	9,73	
06:16:47	06:17:18	00:00:31	3,23	11,61	
06:17:20	06:17:55	00:00:35	2,86	10,29	
06:17:31	06:18:06	00:00:35	2,86	10,29	
06:17:37	06:18:15	00:00:38	2,63	9,47	
06:17:55	06:18:36	00:00:41	2,44	8,78	
06:19:53	06:20:25	00:00:32	3,13	11,25	
06:20:44	06:21:20	00:00:36	2,78	10,00	
06:20:51	06:21:31	00:00:40	2,50	9,00	
06:21:18	06:21:56	00:00:38	2,63	9,47	
06:21:36	06:22:48	00:01:12	1,39	5,00	
06:22:02	06:22:55	00:00:53	1,89	6,79	
06:22:08	06:23:10	00:01:02	1,61	5,81	
06:22:32	06:23:15	00:00:43	2,33	8,37	
06:24:03	06:24:39	00:00:36	2,78	10,00	
06:25:15	06:25:48	00:00:33	3,03	10,91	
06:26:05	06:26:41	00:00:36	2,78	10,00	
06:27:04	06:27:45	00:00:41	2,44	8,78	
06:27:14	06:28:58	00:01:44	2,27	8,18	
06:28:14	06:28:50	00:00:36	2,78	10,00	
06:29:08	06:29:44	00:00:36	2,78	10,00	
06:29:21	06:30:03	00:00:42	2,38	8,57	
06:30:23	06:31:02	00:00:39	2,56	9,23	7,34
06:30:34	06:31:15	00:00:41	2,44	8,78	
06:30:44	06:31:28	00:00:44	2,27	8,18	
06:31:17	06:31:52	00:00:35	2,86	10,29	
06:31:26	06:32:08	00:00:42	2,38	8,57	
06:31:38	06:32:23	00:00:45	2,22	8,00	
06:32:10	06:32:56	00:00:46	2,17	7,83	
06:35:00	06:35:27	00:00:27	3,70	13,33	
06:35:07	06:35:37	00:00:30	3,33	12,00	
06:36:09	06:37:02	00:00:53	1,89	6,79	
06:36:30	06:37:15	00:00:45	2,22	8,00	
06:36:49	06:37:39	00:00:50	2,00	7,20	
06:37:10	06:37:59	00:00:49	2,04	7,35	
06:37:15	06:38:03	00:00:48	2,08	7,50	
06:38:13	06:39:25	00:01:12	1,39	5,00	
06:38:16	06:39:33	00:01:17	1,30	4,68	
06:38:24	06:39:34	00:01:10	1,43	5,14	

06:38:26	06:39:35	00:01:09	1,45	5,22	
06:38:43	06:39:46	00:01:03	1,59	5,71	
06:39:37	06:40:25	00:00:48	2,08	7,50	
06:39:42	06:40:31	00:00:49	2,04	7,35	
06:39:56	06:40:51	00:00:55	1,82	6,55	
06:40:09	06:41:05	00:00:56	1,79	6,43	
06:40:55	06:41:40	00:00:45	2,22	8,00	
06:41:36	06:42:27	00:00:51	1,96	7,06	
06:41:44	06:42:36	00:00:52	1,92	6,92	
06:41:47	06:42:40	00:00:53	1,89	6,79	
06:41:50	06:42:46	00:00:56	1,79	6,43	
06:42:42	06:43:38	00:00:56	1,79	6,43	
06:42:47	06:43:38	00:00:51	1,96	7,06	
06:43:04	06:43:58	00:00:54	1,85	6,67	
06:43:43	06:44:42	00:00:59	1,69	6,10	
06:44:00	06:44:52	00:00:52	1,92	6,92	
06:44:07	06:45:21	00:01:14	1,35	4,86	
06:44:49	06:45:41	00:00:52	1,92	6,92	
06:45:14	06:46:04	00:00:50	2,00	7,20	6,79
06:45:34	06:46:30	00:00:56	1,79	6,43	
06:45:49	06:46:39	00:00:50	2,00	7,20	
06:46:08	06:46:59	00:00:51	1,96	7,06	
06:46:46	06:47:42	00:00:56	1,79	6,43	
06:47:04	06:48:01	00:00:57	1,75	6,32	
06:47:26	06:48:14	00:00:48	2,08	7,50	
06:47:35	06:48:22	00:00:47	2,13	7,66	
06:47:47	06:48:40	00:00:53	1,89	6,79	
06:48:09	06:49:01	00:00:52	1,92	6,92	
06:48:13	06:49:14	00:01:01	1,64	5,90	
06:48:18	06:49:16	00:00:58	1,72	6,21	
06:48:59	06:49:48	00:00:49	2,04	7,35	
06:49:10	06:50:10	00:01:00	1,67	6,00	
06:49:26	06:50:21	00:00:55	1,82	6,55	
06:49:32	06:50:26	00:00:54	1,85	6,67	
06:49:40	06:50:30	00:00:50	2,00	7,20	
06:49:46	06:50:41	00:00:55	1,82	6,55	
06:50:40	06:51:31	00:00:51	1,96	7,06	
06:51:17	06:52:09	00:00:52	1,92	6,92	
06:51:30	06:52:24	00:00:54	1,85	6,67	
06:52:20	06:53:09	00:00:49	2,04	7,35	
06:53:04	06:53:54	00:00:50	2,00	7,20	
06:53:16	06:54:12	00:00:56	1,79	6,43	
06:54:22	06:55:03	00:00:41	2,44	8,78	
06:54:28	06:55:19	00:00:51	1,96	7,06	
06:55:10	06:56:00	00:00:50	2,00	7,20	
06:55:34	06:56:30	00:00:56	1,79	6,43	
06:56:03	06:57:02	00:00:59	1,69	6,10	
06:56:40	06:57:45	00:01:05	1,54	5,54	
06:57:16	06:58:10	00:00:54	1,85	6,67	
06:57:30	06:58:18	00:00:48	2,08	7,50	

06:58:31	06:59:35	00:01:04	1,56	5,63	
06:58:36	06:59:39	00:01:03	1,59	5,71	
06:59:03	06:59:51	00:00:48	2,08	7,50	
06:59:54	07:00:46	00:00:52	1,92	6,92	
07:00:26	07:01:14	00:00:48	2,08	7,50	9,72
07:00:48	07:01:40	00:00:52	1,92	6,92	
07:00:51	07:01:44	00:00:53	1,89	6,79	
07:00:58	07:01:48	00:00:50	2,00	7,20	
07:01:02	07:02:03	00:01:01	1,64	5,90	
07:01:51	07:02:36	00:00:45	2,22	8,00	
07:02:17	07:03:03	00:00:46	2,17	7,83	
07:04:16	07:05:06	00:00:50	2,00	7,20	
07:05:10	07:05:57	00:00:47	2,13	7,66	
07:05:21	07:06:30	00:01:09	1,45	5,22	
07:05:26	07:06:30	00:01:04	1,56	5,63	
07:08:24	07:09:03	00:00:39	2,56	9,23	
07:08:47	07:09:18	00:00:31	3,23	11,61	
07:09:44	07:10:13	00:00:29	3,45	12,41	
07:10:12	07:10:48	00:00:36	2,78	10,00	
07:10:22	07:11:04	00:00:42	2,38	8,57	
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07:13:36	07:14:02	00:00:26	3,85	13,85	
07:14:35	07:15:02	00:00:27	3,70	13,33	
07:14:52	07:15:19	00:00:27	3,70	13,33	
07:16:47	07:17:15	00:00:28	3,57	12,86	13,41
07:17:49	07:18:13	00:00:24	4,17	15,00	
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07:19:21	07:19:48	00:00:27	3,70	13,33	
07:19:46	07:20:12	00:00:26	3,85	13,85	
07:19:54	07:20:23	00:00:29	3,45	12,41	
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07:29:19	07:29:42	00:00:23	4,35	15,65	
07:29:30	07:30:11	00:00:41	2,44	8,78	
07:29:50	07:30:25	00:00:35	2,86	10,29	
07:30:30	07:30:57	00:00:27	3,70	13,33	10,76
07:30:36	07:31:03	00:00:27	3,70	13,33	
07:32:03	07:32:26	00:00:23	4,35	15,65	
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07:32:43	07:33:10	00:00:27	3,70	13,33	
07:32:54	07:33:25	00:00:31	3,23	11,61	
07:34:05	07:34:32	00:00:27	3,70	13,33	
07:34:12	07:35:00	00:00:48	2,08	7,50	
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07:35:50	07:36:24	00:00:34	2,94	10,59	
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07:42:50	07:43:51	00:01:01	1,64	5,90	
07:43:09	07:44:13	00:01:04	1,56	5,63	
07:43:34	07:44:39	00:01:05	1,54	5,54	
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07:43:54	07:45:11	00:01:17	1,30	4,68	
07:44:48	07:45:56	00:01:08	1,47	5,29	
07:45:12	07:46:23	00:01:11	1,41	5,07	5,60
07:45:27	07:46:32	00:01:05	1,54	5,54	
07:46:24	07:47:26	00:01:02	1,61	5,81	
07:46:45	07:48:20	00:01:35	1,05	3,79	
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07:50:12	07:51:37	00:01:25	1,18	4,24	
07:51:11	07:52:10	00:00:59	1,69	6,10	
07:51:24	07:52:22	00:00:58	1,72	6,21	
07:52:37	07:53:41	00:01:04	1,56	5,63	
07:52:58	07:53:57	00:00:59	1,69	6,10	
07:53:14	07:54:20	00:01:06	1,52	5,45	

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07:54:44	07:56:10	00:01:26	1,16	4,19	
07:56:00	07:56:58	00:00:58	1,72	6,21	
07:56:08	07:57:09	00:01:01	1,64	5,90	
07:56:16	07:57:15	00:00:59	1,69	6,10	
07:56:20	07:57:25	00:01:05	1,54	5,54	
07:56:31	07:57:36	00:01:05	1,54	5,54	
07:57:45	07:58:40	00:00:55	1,82	6,55	
07:57:48	07:58:41	00:00:53	1,89	6,79	
07:58:57	07:59:55	00:00:58	1,72	6,21	
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08:00:39	08:01:40	00:01:01	1,64	5,90	
08:01:00	08:01:59	00:00:59	1,69	6,10	
08:01:17	08:02:39	00:01:22	1,22	4,39	
08:03:13	08:04:31	00:01:18	1,28	4,62	
08:04:20	08:05:42	00:01:22	1,22	4,39	
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08:04:55	08:05:57	00:01:02	1,61	5,81	
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08:05:51	08:06:52	00:01:01	1,64	5,90	
08:05:56	08:07:19	00:01:23	1,20	4,34	
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08:06:59	08:08:01	00:01:02	1,61	5,81	
08:07:02	08:08:13	00:01:11	1,41	5,07	
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08:13:04	08:14:18	00:01:14	1,35	4,86	
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08:13:28	08:14:33	00:01:05	1,54	5,54	
08:13:40	08:14:53	00:01:13	1,37	4,93	
08:13:59	08:15:05	00:01:06	1,52	5,45	
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08:16:10	08:17:15	00:01:05	1,54	5,54	
08:16:30	08:17:30	00:01:00	1,67	6,00	

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08:17:02	08:18:02	00:01:00	1,67	6,00	
08:17:33	08:18:36	00:01:03	1,59	5,71	
08:18:03	08:19:03	00:01:00	1,67	6,00	
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08:18:25	08:19:33	00:01:08	1,47	5,29	
08:18:42	08:19:56	00:01:14	1,35	4,86	
08:18:48	08:20:11	00:01:23	1,20	4,34	
08:19:34	08:20:36	00:01:02	1,61	5,81	
08:19:42	08:20:45	00:01:03	1,59	5,71	
08:19:57	08:22:04	00:02:07	0,79	2,83	
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08:21:55	08:23:05	00:01:10	1,43	5,14	
08:22:04	08:23:13	00:01:09	1,45	5,22	
08:22:14	08:23:21	00:01:07	1,49	5,37	
08:22:55	08:23:49	00:00:54	1,85	6,67	
08:22:58	08:23:56	00:00:58	1,72	6,21	
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08:23:19	08:24:40	00:01:21	1,23	4,44	
08:23:41	08:24:49	00:01:08	1,47	5,29	
08:26:04	08:27:06	00:01:02	1,61	5,81	
08:26:23	08:27:28	00:01:05	1,54	5,54	
08:27:19	08:28:22	00:01:03	1,59	5,71	
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08:32:47	08:33:47	00:01:00	1,67	6,00	
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08:39:28	08:39:35	00:00:07	14,29	51,43	

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08:40:33	08:40:36	00:00:03	33,33	120,00	
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08:53:05	08:53:25	00:00:20	5,00	18,00	
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09:12:09	09:13:03	00:00:54	1,85	6,67	
09:12:14	09:13:13	00:00:59	1,69	6,10	
09:12:30	09:13:33	00:01:03	1,59	5,71	
09:12:40	09:13:40	00:01:00	1,67	6,00	
09:12:57	09:14:06	00:01:09	1,45	5,22	
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09:15:54	09:16:55	00:01:01	1,64	5,90	
09:16:40	09:17:34	00:00:54	1,85	6,67	
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09:20:12	09:21:07	00:00:55	1,82	6,55	
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09:21:17	09:22:17	00:01:00	1,67	6,00	

09:21:25	09:22:25	00:01:00	1,67	6,00	
09:21:35	09:22:47	00:01:12	1,39	5,00	
09:21:38	09:22:37	00:00:59	1,69	6,10	
09:22:53	09:23:49	00:00:56	1,79	6,43	
09:23:27	09:24:19	00:00:52	1,92	6,92	
09:23:32	09:24:27	00:00:55	1,82	6,55	
09:23:37	09:24:44	00:01:07	1,49	5,37	
09:24:10	09:25:04	00:00:54	1,85	6,67	
09:24:31	09:25:25	00:00:54	1,85	6,67	
09:24:45	09:25:39	00:00:54	1,85	6,67	
09:24:55	09:25:48	00:00:53	1,89	6,79	
09:25:01	09:25:58	00:00:57	1,75	6,32	
09:25:41	09:26:31	00:00:50	2,00	7,20	
09:25:55	09:26:45	00:00:50	2,00	7,20	
09:26:05	09:26:54	00:00:49	2,04	7,35	
09:26:10	09:27:00	00:00:50	2,00	7,20	
09:26:18	09:27:18	00:01:00	1,67	6,00	
09:26:37	09:27:27	00:00:50	2,00	7,20	
09:26:52	09:27:59	00:01:07	1,49	5,37	
09:27:03	09:28:03	00:01:00	1,67	6,00	
09:27:09	09:28:05	00:00:56	1,79	6,43	
09:27:50	09:28:40	00:00:50	2,00	7,20	
09:28:56	09:29:51	00:00:55	1,82	6,55	
09:29:09	09:29:58	00:00:49	2,04	7,35	
09:29:28	09:30:17	00:00:49	2,04	7,35	
09:29:34	09:30:25	00:00:51	2,00	7,20	
09:29:40	09:30:35	00:00:55	1,82	6,55	
09:29:52	09:30:50	00:00:58	1,72	6,21	
09:30:29	09:31:19	00:00:50	2,00	7,20	6,83
09:30:38	09:31:28	00:00:50	2,00	7,20	
09:31:03	09:31:49	00:00:46	2,17	7,83	
09:31:08	09:31:59	00:00:51	1,96	7,06	
09:31:18	09:32:13	00:00:55	1,82	6,55	
09:31:39	09:32:34	00:00:55	1,82	6,55	
09:32:17	09:33:10	00:00:53	1,89	6,79	
09:32:30	09:33:22	00:00:52	1,92	6,92	
09:32:39	09:33:30	00:00:51	1,96	7,06	
09:32:57	09:33:47	00:00:50	2,00	7,20	
09:33:27	09:34:24	00:00:57	1,75	6,32	
09:34:09	09:34:59	00:00:50	2,00	7,20	
09:34:10	09:35:08	00:00:58	1,72	6,21	
09:35:04	09:35:56	00:00:52	1,92	6,92	
09:35:25	09:36:16	00:00:51	1,96	7,06	
09:35:45	09:36:36	00:00:51	1,96	7,06	
09:35:53	09:36:43	00:00:50	2,00	7,20	
09:36:01	09:36:53	00:00:52	1,92	6,92	
09:36:08	09:37:20	00:01:12	1,39	5,00	
09:36:37	09:37:33	00:00:56	1,79	6,43	
09:36:57	09:37:45	00:00:48	2,08	7,50	
09:38:04	09:38:50	00:00:46	2,17	7,83	

09:38:20	09:39:21	00:01:01	1,64	5,90	
09:38:24	09:39:12	00:00:48	2,08	7,50	
09:39:03	09:39:51	00:00:48	2,08	7,50	
09:39:47	09:40:43	00:00:56	1,72	6,21	
09:40:02	09:40:59	00:00:57	1,75	6,32	
09:40:15	09:41:07	00:00:52	1,92	6,92	
09:41:09	09:41:59	00:00:50	2,00	7,20	
09:41:24	09:42:14	00:00:50	2,00	7,20	
09:41:35	09:42:23	00:00:48	2,08	7,50	
09:41:44	09:42:53	00:01:09	1,45	5,22	
09:42:43	09:43:33	00:00:50	2,00	7,20	
09:43:16	09:44:15	00:00:59	1,69	6,10	
09:43:35	09:44:26	00:00:51	1,96	7,06	
09:44:09	09:45:08	00:00:59	1,69	6,10	
09:44:18	09:45:16	00:00:58	1,72	6,21	
09:44:44	09:45:33	00:00:49	2,04	7,35	
09:45:05	09:46:01	00:00:56	1,79	6,43	6,81
09:45:59	09:46:45	00:00:46	2,17	7,83	
09:46:27	09:47:21	00:00:54	1,85	6,67	
09:46:39	09:47:32	00:00:53	1,89	6,79	
09:46:43	09:47:56	00:01:13	1,37	4,93	
09:46:58	09:47:48	00:00:50	2,00	7,20	
09:47:23	09:48:15	00:00:52	1,92	6,92	
09:47:26	09:48:25	00:00:59	1,69	6,10	
09:47:49	09:48:44	00:00:55	1,82	6,55	
09:48:15	09:49:03	00:00:48	2,08	7,50	
09:48:27	09:49:17	00:00:50	2,00	7,20	
09:48:40	09:49:34	00:00:54	1,85	6,67	
09:49:03	09:49:51	00:00:48	2,08	7,50	
09:49:21	09:50:09	00:00:48	2,08	7,50	
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09:50:56	09:51:44	00:00:48	2,08	7,50	
09:51:01	09:51:50	00:00:49	2,04	7,35	
09:51:08	09:51:58	00:00:50	2,00	7,20	
09:51:18	09:52:09	00:00:51	1,96	7,06	
09:51:41	09:52:46	00:01:05	1,54	5,54	
09:52:40	09:53:26	00:00:46	2,17	7,83	
09:52:45	09:53:35	00:00:50	2,00	7,20	
09:52:48	09:53:42	00:00:54	1,85	6,67	
09:52:52	09:53:51	00:00:59	1,69	6,10	
09:53:02	09:53:56	00:00:54	1,85	6,67	
09:53:18	09:54:09	00:00:51	1,96	7,06	
09:53:49	09:54:37	00:00:48	2,08	7,50	
09:54:03	09:54:49	00:00:46	2,17	7,83	
09:54:10	09:54:58	00:00:48	2,08	7,50	
09:54:51	09:55:42	00:00:51	1,96	7,06	
09:55:39	09:56:31	00:00:52	1,92	6,92	
09:55:47	09:56:45	00:00:58	1,72	6,21	

09:55:51	09:56:52	00:01:01	1,64	5,90	
09:56:25	09:57:33	00:01:08	1,47	5,29	
09:56:51	09:57:46	00:00:55	1,82	6,55	
09:56:56	09:57:55	00:00:59	1,69	6,10	
09:57:07	09:58:02	00:00:55	1,82	6,55	
09:57:15	09:58:10	00:00:55	1,82	6,55	
09:57:53	09:58:44	00:00:51	1,96	7,06	
09:58:00	09:58:54	00:00:54	1,85	6,67	
09:58:42	09:59:37	00:00:55	1,82	6,55	
09:58:52	09:59:45	00:00:53	1,89	6,79	
09:59:08	09:59:55	00:00:47	2,13	7,66	
14:04:18	14:04:32	00:00:14	7,14	25,71	22,49
14:06:13	14:06:32	00:00:19	5,26	18,95	
14:06:25	14:06:40	00:00:15	6,67	24,00	
14:06:30	14:06:49	00:00:19	5,26	18,95	
14:06:40	14:07:06	00:00:26	3,85	13,85	
14:07:18	14:07:46	00:00:28	3,57	12,86	
14:07:25	14:07:59	00:00:34	2,94	10,59	
14:07:40	14:08:06	00:00:26	3,85	13,85	
14:07:47	14:08:20	00:00:33	3,03	10,91	
14:10:36	14:10:46	00:00:10	10,00	36,00	
14:11:11	14:11:26	00:00:15	6,67	24,00	
14:12:11	14:12:24	00:00:13	7,69	27,69	
14:12:35	14:12:50	00:00:15	6,67	24,00	
14:13:57	14:14:06	00:00:09	11,11	40,00	
14:14:44	14:15:00	00:00:16	6,25	22,50	
14:14:59	14:15:09	00:00:10	10,00	36,00	
14:15:33	14:15:43	00:00:10	10,00	36,00	32,59
14:15:42	14:15:48	00:00:06	16,67	60,00	
14:16:03	14:16:10	00:00:07	14,29	51,43	
14:16:29	14:16:39	00:00:10	10,00	36,00	
14:16:47	14:16:56	00:00:09	11,11	40,00	
14:17:26	14:17:36	00:00:10	10,00	36,00	
14:17:33	14:17:44	00:00:11	9,09	32,73	
14:17:49	14:18:00	00:00:11	9,09	32,73	
14:18:39	14:18:49	00:00:10	10,00	36,00	
14:18:51	14:19:07	00:00:16	6,25	22,50	
14:20:29	14:20:44	00:00:15	6,67	24,00	
14:21:05	14:21:21	00:00:16	6,25	22,50	
14:21:14	14:21:28	00:00:14	7,14	25,71	
14:21:25	14:21:38	00:00:13	7,69	27,69	
14:22:11	14:22:24	00:00:13	7,69	27,69	
14:22:45	14:23:01	00:00:16	6,25	22,50	
14:22:51	14:23:10	00:00:19	5,26	18,95	
14:23:26	14:23:38	00:00:12	8,33	30,00	
14:23:45	14:23:55	00:00:10	10,00	36,00	
14:24:49	14:24:58	00:00:09	11,11	40,00	
14:25:34	14:25:50	00:00:16	6,25	22,50	
14:25:48	14:26:02	00:00:14	7,14	25,71	

14:25:54	14:26:12	00:00:18	5,56	20,00	
14:25:59	14:26:22	00:00:23	4,35	15,65	
14:26:57	14:27:08	00:00:11	9,09	32,73	
14:27:06	14:27:21	00:00:15	6,67	24,00	
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14:28:41	14:28:52	00:00:11	9,09	32,73	
14:28:49	14:28:59	00:00:10	10,00	36,00	
14:29:37	14:29:49	00:00:12	8,33	30,00	
14:29:55	14:29:59	00:00:04	25,00	90,00	
14:30:03	14:30:19	00:00:16	6,25	22,50	13,29
14:31:41	14:32:09	00:00:28	3,57	12,86	
14:32:14	14:32:42	00:00:28	3,57	12,86	
14:33:38	14:34:07	00:00:29	3,45	12,41	
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14:34:04	14:34:32	00:00:28	3,57	12,86	
14:34:53	14:35:20	00:00:27	3,70	13,33	
14:35:55	14:36:20	00:00:25	4,00	14,40	
14:36:21	14:36:53	00:00:32	3,13	11,25	
14:37:00	14:37:27	00:00:27	3,70	13,33	
14:37:09	14:37:38	00:00:29	3,45	12,41	
14:37:14	14:37:42	00:00:28	3,57	12,86	
14:37:57	14:38:25	00:00:28	3,57	12,86	
14:38:08	14:38:30	00:00:22	4,55	16,36	
14:38:32	14:38:59	00:00:27	3,70	13,33	
14:38:54	14:39:23	00:00:29	3,45	12,41	
14:38:59	14:40:29	00:01:30	3,33	12,00	
14:40:10	14:40:41	00:00:31	3,23	11,61	
14:40:40	14:41:14	00:00:34	2,94	10,59	
14:42:23	14:42:50	00:00:27	3,70	13,33	
14:44:40	14:45:08	00:00:28	3,57	12,86	
14:44:52	14:45:18	00:00:26	3,85	13,85	
14:45:02	14:45:32	00:00:30	3,33	12,00	11,67
14:45:05	14:45:36	00:00:31	3,23	11,61	
14:45:08	14:45:41	00:00:33	3,03	10,91	
14:45:37	14:46:06	00:00:29	3,45	12,41	
14:46:33	14:47:03	00:00:30	3,33	12,00	
14:46:49	14:47:21	00:00:32	3,13	11,25	
14:46:54	14:47:24	00:00:30	3,33	12,00	
14:48:09	14:48:40	00:00:31	3,23	11,61	
14:48:23	14:48:56	00:00:33	3,03	10,91	
14:50:12	14:50:44	00:00:32	3,13	11,25	
14:51:01	14:51:35	00:00:34	2,94	10,59	
14:52:27	14:52:58	00:00:31	3,23	11,61	
14:52:49	14:53:20	00:00:31	3,23	11,61	
14:53:00	14:53:28	00:00:28	3,57	12,86	
14:53:16	14:53:46	00:00:30	3,33	12,00	
14:53:46	14:54:18	00:00:32	3,13	11,25	
14:54:26	14:54:57	00:00:31	3,23	11,61	
14:55:01	14:55:30	00:00:29	3,45	12,41	
14:55:20	14:55:53	00:00:33	3,03	10,91	

14:55:58	14:56:30	00:00:32	3,13	11,25	
14:56:19	14:56:51	00:00:32	3,13	11,25	
14:57:48	14:58:22	00:00:34	2,94	10,59	
14:58:05	14:58:36	00:00:31	3,23	11,61	
14:58:13	14:58:40	00:00:27	3,70	13,33	
14:58:31	14:58:59	00:00:28	3,57	12,86	
15:00:54	15:01:21	00:00:27	3,70	13,33	32,51
15:01:03	15:01:23	00:00:20	5,00	18,00	
15:02:15	15:02:31	00:00:16	6,25	22,50	
15:03:01	15:03:15	00:00:14	7,14	25,71	
15:04:11	15:04:28	00:00:17	5,88	21,18	
15:08:42	15:08:54	00:00:12	8,33	30,00	
15:09:34	15:09:44	00:00:10	10,00	36,00	
15:11:05	15:11:25	00:00:20	5,00	18,00	
15:11:15	15:11:28	00:00:13	7,69	27,69	
15:11:55	15:12:05	00:00:10	10,00	36,00	
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15:13:19	15:13:30	00:00:11	9,09	32,73	
15:13:55	15:14:10	00:00:15	6,67	24,00	
15:14:07	15:14:19	00:00:12	8,33	30,00	
15:16:18	15:16:27	00:00:09	11,11	40,00	21,28
15:18:37	15:18:49	00:00:12	8,33	30,00	
15:18:49	15:19:03	00:00:14	7,14	25,71	
15:19:26	15:19:32	00:00:06	16,67	60,00	
15:19:48	15:20:03	00:00:15	6,67	24,00	
15:20:51	15:21:24	00:00:33	3,03	10,91	
15:22:03	15:22:35	00:00:32	3,13	11,25	
15:22:33	15:23:01	00:00:28	3,57	12,86	
15:23:30	15:24:02	00:00:32	3,13	11,25	
15:23:36	15:24:11	00:00:35	2,86	10,29	
15:26:47	15:26:55	00:00:08	12,50	45,00	
15:26:49	15:27:06	00:00:17	5,88	21,18	
15:27:06	15:27:41	00:00:35	2,86	10,29	
15:27:24	15:27:50	00:00:26	3,85	13,85	
15:28:01	15:28:33	00:00:32	3,13	11,25	
15:29:42	15:30:12	00:00:30	3,33	12,00	
15:29:55	15:30:25	00:00:30	3,33	12,00	
15:31:30	15:32:01	00:00:31	3,23	11,61	11,21
15:31:51	15:32:25	00:00:34	2,94	10,59	
15:32:27	15:33:01	00:00:34	2,94	10,59	
15:32:31	15:33:02	00:00:31	3,23	11,61	
15:33:13	15:33:46	00:00:33	3,03	10,91	
15:34:20	15:34:53	00:00:33	3,03	10,91	
15:35:07	15:35:33	00:00:26	3,85	13,85	
15:36:50	15:37:26	00:00:36	2,78	10,00	
15:38:54	15:39:22	00:00:28	3,57	12,86	
15:39:33	15:40:04	00:00:31	3,23	11,61	
15:39:47	15:40:17	00:00:30	3,33	12,00	
15:41:33	15:42:07	00:00:34	2,94	10,59	
15:42:23	15:42:54	00:00:31	3,23	11,61	

15:43:01	15:43:45	00:00:44	2,27	8,18	
15:45:22	15:46:01	00:00:39	2,56	9,23	13,38
15:45:28	15:46:02	00:00:34	2,94	10,59	
15:46:40	15:47:14	00:00:34	2,94	10,59	
15:47:13	15:47:42	00:00:29	3,45	12,41	
15:49:47	15:50:16	00:00:29	3,45	12,41	
15:50:10	15:50:44	00:00:34	2,94	10,59	
15:50:32	15:51:00	00:00:28	3,57	12,86	
15:50:51	15:51:23	00:00:32	3,13	11,25	
15:51:38	15:52:16	00:00:38	2,63	9,47	
15:52:04	15:52:32	00:00:28	3,57	12,86	
15:56:05	15:56:39	00:00:34	2,94	10,59	
15:57:00	15:57:30	00:00:30	3,33	12,00	
15:57:05	15:57:31	00:00:26	3,85	13,85	
15:57:26	15:57:35	00:00:09	11,11	40,00	
15:58:51	15:59:21	00:00:30	3,33	12,00	

: Sabtu / 2 September 2006

: Supri dan Aris

: Wonogiri - Solo

: Sepeda motor (MC)

: 100 m

Waktu kendaraan (detik)		Waktu tempuh	Kecepatan		Kecepatan rata-rata
Masuk	Keluar	(detik)	m/dt	km/jam	(Vt)
		(1)	(2)= 50/(1)	(3) = (2)*3,6	km/jam
06:06:59	06:07:11	00:00:12	8,33	30,00	28,96
06:08:00	06:08:15	00:00:15	6,67	24,00	
06:12:36	06:12:48	00:00:12	8,33	30,00	
06:12:51	06:13:07	00:00:16	6,25	22,50	
06:13:22	06:13:30	00:00:08	12,50	45,00	
06:13:52	06:14:06	00:00:14	7,14	25,71	
06:14:10	06:14:22	00:00:12	8,33	30,00	
06:14:44	06:14:58	00:00:14	7,14	25,71	
06:14:46	06:14:59	00:00:13	7,69	27,69	
06:15:12	06:15:27	00:00:15	6,67	24,00	29,81
06:16:00	06:16:18	00:00:18	5,56	20,00	
06:17:20	06:17:25	00:00:05	20,00	72,00	
06:18:09	06:18:26	00:00:17	5,88	21,18	
06:18:17	06:18:30	00:00:13	7,69	27,69	
06:20:01	06:20:10	00:00:09	11,11	40,00	
06:21:58	06:22:21	00:00:23	4,35	15,65	
06:23:40	06:24:01	00:00:21	4,76	17,14	
06:27:38	06:27:51	00:00:13	7,69	27,69	
06:29:50	06:30:01	00:00:11	9,09	32,73	
06:30:36	06:30:40	00:00:04	25,00	90,00	43,94
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Kecepatan rata-rata (Vs) m/detik	Kecepatan rata-rata (Vs) km/jam	Waktu Rata-rata detik
5,88	21,18	17,00
2,94	10,59	34,00

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18
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Kecepatan rata-rata (Vs) m/detik	Kecepatan rata-rata (Vs) km/jam	Waktu Rata-rata detik
6,40	23,02	15,64
7,35	26,47	13,60

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6,92	24,91	14,45
6,75	24,29	14,82
5,80	20,87	17,25

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3,11	11,19	32,17
3,60	12,97	27,75
3,08	11,10	32,44

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Kecepatan rata-rata	Kecepatan rata-rata	Waktu
(Vs)	(Vs)	Rata-rata
m/detik	km/jam	detik
2,80	10,08	35,73

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7,41	26,67	13,50
7,53	27,12	13,27
9,01	32,43	11,10
7,10	25,55	14,09
8,40	30,25	11,90

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5,71	20,57	17,50
6,92	24,91	14,45
6,62	23,82	15,11

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Hasil Perhitungan Kecepatan per 15 menit (Tidak ada parkir)

Selasa, 29 Agustus 2006

Jarak : 50 m

No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/jam)					
		(1)						(2)=(50)/(1)						(3)=(2)x3,6					
		WS			SW			WS			SW			WS			SW		
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC
1	06.00-06.15		9	6		12	7		5,56	8,33		4,17	7,14		20,00	30,00		15,00	25,71
2			5	13		5	6		10,00	3,85		10,00	8,33		36,00	13,85		36,00	30,00
3			18	8		12	9		2,78	6,25		4,17	5,56		10,00	22,50		15,00	20,00
4			9	9		11	8		5,56	5,56		4,55	6,25		20,00	20,00		16,36	22,50
5			6	11		13	13		8,33	4,55		3,85	3,85		30,00	16,36		13,85	13,85
6			10	7		12	10		5,00	7,14		4,17	5,00		18,00	25,71		15,00	18,00
7			10	8		6	7		5,00	6,25		8,33	7,14		18,00	22,50		30,00	25,71
8			11	9		13	7		4,55	5,56		3,85	7,14		16,36	20,00		13,85	25,71
9			4	9		6	11		12,50	5,56		8,33	4,55		45,00	20,00		30,00	16,36
10			5	7		15	11		10,00	7,14		3,33	4,55		36,00	25,71		12,00	16,36
11			11	7			14		4,55	7,14			3,57		16,36	25,71			12,86
12				8			9			6,25			5,56			22,50			20,00
13				12			12			4,17			4,17			15,00			15,00
14				9			3			5,56			16,67			20,00			60,00
15				11			14			4,55			3,57			16,36			12,86
16				13			9			3,85			5,56			13,85			20,00
17				12			8			4,17			6,25			15,00			22,50
18				14			11			3,57			4,55			12,86			16,36
19				12			12			4,17			4,17			15,00			15,00
20				7			10			7,14			5,00			25,71			18,00
21				5			10			10,00			5,00			36,00			18,00
22							9						5,56						20,00
Jumlah														266	435		197	465	
Vt(km/jam)														24,16	20,70		19,71	21,13	
1	06.15-06.30		12	3		13	8		4,17	16,67		3,85	6,25		15,00	60,00		13,85	22,50
2			12	4		12	7		4,17	12,50		4,17	7,14		15,00	45,00		15,00	25,71
3			7	15		12	12		7,14	3,33		4,17	4,17		25,71	12,00		15,00	15,00
4			13	4		5	5		3,85	12,50		10,00	10,00		13,85	45,00		36,00	36,00
5			7	2		11	7		7,14	25,00		4,55	7,14		25,71	90,00		16,36	25,71
6			12	2		6	10		4,17	25,00		8,33	5,00		15,00	90,00		30,00	18,00
7			13	3		11	8		3,85	16,67		4,55	6,25		13,85	60,00		16,36	22,50

8			15	5		9	6		3,33	10,00		5,56	8,33		12,00	36,00		20,00	30,00
9			6	4		7	7		8,33	12,50		7,14	7,14		30,00	45,00		25,71	25,71
10			12	5		12	7		4,17	10,00		4,17	7,14		15,00	36,00		15,00	25,71
11			9	4		12	11		5,56	12,50		4,17	4,55		20,00	45,00		15,00	16,36
12			6	4			13		8,33	12,50			3,85		30,00	45,00			13,85
13				3			8			16,67			6,25			60,00			22,50
14				5			6			10,00			8,33			36,00			30,00
15				4			12			12,50			4,17			45,00			15,00
16				3			13			16,67			3,85			60,00			13,85
17				4			9			12,50			5,56			45,00			20,00
18				6			8			8,33			6,25			30,00			22,50
19				5			7			10,00			7,14			36,00			25,71
20				5			15			10,00			3,33			36,00			12,00
21				5			11			10,00			4,55			36,00			16,36
22				7			7			7,14			7,14			25,71			25,71
23				7			7			7,14			7,14			25,71			25,71
24				4						12,50						45,00			
25				3						16,67						60,00			
26				6						8,33						30,00			
27				9						5,56						20,00			
	Jumlah														231	1199		218	506
	Vt(km/jam)														19,26	44,42		19,84	22,02
1	06.30-06.45		7	7		7	9		7,14	7,14		7,14	5,56		25,71	25,71		25,71	20,00
2			13	4		10	6		3,85	12,50		5,00	8,33		13,85	45,00		18,00	30,00
3			6	6		7	7		8,33	8,33		7,14	7,14		30,00	30,00		25,71	25,71
4			5	5		8	13		10,00	10,00		6,25	3,85		36,00	36,00		22,50	13,85
5			18	5		5	10		2,78	10,00		10,00	5,00		10,00	36,00		36,00	18,00
6			8	5		3	16		6,25	10,00		16,67	3,13		22,50	36,00		60,00	11,25
7			6	7		5	16		8,33	7,14		10,00	3,13		30,00	25,71		36,00	11,25
8			17	8			13		2,94	6,25			3,85		10,59	22,50			13,85
9			7	6			13		7,14	8,33			3,85		25,71	30,00			13,85
10			14	5			18		3,57	10,00			2,78		12,86	36,00			10,00
11			9	6			13		5,56	8,33			3,85		20,00	30,00			13,85
12			11	6			19		4,55	8,33			2,63		16,36	30,00			9,47
13				6			24			8,33			2,08			30,00			7,50
14				5			17			10,00			2,94			36,00			10,59
15				6			13			8,33			3,85			30,00			13,85
16				6			15			8,33			3,33			30,00			12,00

17				8						6,25						22,50			
18				6						8,33						30,00			
19				3						16,67						60,00			
20				7						7,14						25,71			
21				7						7,14						25,71			
22				7						7,14						25,71			
23				8						6,25						22,50			
24				6						8,33						30,00			
25				8						6,25						22,50			
26				7						7,14						25,71			
27				6						8,33						30,00			
28				6						8,33						30,00			
29				6						8,33						30,00			
30				6						8,33						30,00			
31				6						8,33						30,00			
32				6						8,33						30,00			
33				5						10,00						36,00			
34				5						10,00						36,00			
35				6						8,33						30,00			
36				6						8,33						30,00			
37				3						16,67						60,00			
38				3						16,67						60,00			
39				3						16,67						60,00			
40				5						10,00						36,00			
41				5						10,00						36,00			
42				5						10,00						36,00			
43				5						10,00						36,00			
44				5						10,00						36,00			
45				6						8,33						30,00			
46				6						8,33						30,00			
47				6						8,33						30,00			
48				6						8,33						30,00			
49				6						8,33						30,00			
50				6						8,33						30,00			
51				6						8,33						30,00			
52				6						8,33						30,00			
53				6						8,33						30,00			
54				6						8,33						30,00			

	Jumlah													254	1771		224	235	
	Vt(km/jam)													21,13	32,80		31,99	14,69	
1	06.45-07.00		7	4		4	33		7,14	12,50		12,50	1,52		25,71	45,00		45,00	5,45
2			8	6		7	13		6,25	8,33		7,14	3,85		22,50	30,00		25,71	13,85
3			14	6		8	22		3,57	8,33		6,25	2,27		12,86	30,00		22,50	8,18
4			3	6		4	17		16,67	8,33		12,50	2,94		60,00	30,00		45,00	10,59
5			7	3		5	15		7,14	16,67		10,00	3,33		25,71	60,00		36,00	12,00
6			6	6		6	18		8,33	8,33		8,33	2,78		30,00	30,00		30,00	10,00
7			3	5		9	12		16,67	10,00		5,56	4,17		60,00	36,00		20,00	15,00
8			5	5		4	20		10,00	10,00		12,50	2,50		36,00	36,00		45,00	9,00
9			16	5		5	16		3,13	10,00		10,00	3,13		11,25	36,00		36,00	11,25
10			9	5		5	20		5,56	10,00		10,00	2,50		20,00	36,00		36,00	9,00
11			9	5			16		5,56	10,00			3,13		20,00	36,00			11,25
12			7	5			14		7,14	10,00			3,57		25,71	36,00			12,86
13			8	5			27		6,25	10,00			1,85		22,50	36,00			6,67
14			7	8			16		7,14	6,25			3,13		25,71	22,50			11,25
15			7	8			22		7,14	6,25			2,27		25,71	22,50			8,18
16			9	8			11		5,56	6,25			4,55		20,00	22,50			16,36
17			5	8			8		10,00	6,25			6,25		36,00	22,50			22,50
18				7			12			7,14			4,17			25,71			15,00
19				7			17			7,14			2,94			25,71			10,59
20				7			16			7,14			3,13			25,71			11,25
21				7			17			7,14			2,94			25,71			10,59
22				7			12			7,14			4,17			25,71			15,00
23				3			12			16,67			4,17			60,00			15,00
24				3			10			16,67			5,00			60,00			18,00
25				3						16,67						60,00			
26				3						16,67						60,00			
27				3						16,67						60,00			
28				6						8,33						30,00			
29				4						12,50						45,00			
30				4						12,50						45,00			
31				4						12,50						45,00			
32				7						7,14						25,71			
33				7						7,14						25,71			
34				7						7,14						25,71			
35				7						7,14						25,71			
36				7						7,14						25,71			

37				7						7,14						25,71			
38				7						7,14						25,71			
39				7						7,14						25,71			
40				7						7,14						25,71			
41				7						7,14						25,71			
42				7						7,14						25,71			
43				7						7,14						25,71			
44				7						7,14						25,71			
45				7						7,14						25,71			
46				7						7,14						25,71			
47				8						6,25						22,50			
48				8						6,25						22,50			
49				6						8,33						30,00			
50				6						8,33						30,00			
51				6						8,33						30,00			
52				6						8,33						30,00			
53				6						8,33						30,00			
54				6						8,33						30,00			
55				6						8,33						30,00			
56				7						7,14						25,71			
57				7						7,14						25,71			
58				7						7,14						25,71			
59				7						7,14						25,71			
60				7						7,14						25,71			
61				7						7,14						25,71			
62				7						7,14						25,71			
63				7						7,14						25,71			
64				7						7,14						25,71			
65				7						7,14						25,71			
66				5						10,00						36,00			
67				5						10,00						36,00			
68				5						10,00						36,00			
69				5						10,00						36,00			
70				5						10,00						36,00			
71				5						10,00						36,00			
72				5						10,00						36,00			
73				5						10,00						36,00			
74				5						10,00						36,00			

75				5					10,00						36,00			
76				7					7,14						25,71			
77				7					7,14						25,71			
78				7					7,14						25,71			
79				4					12,50						45,00			
80				4					12,50						45,00			
	Jumlah													480	2586		341	289
	Vt(km/jam)													28,22	32,32		34,12	12,03
1	07.00-07.15		4	6		4	20		12,50	8,33		12,50	2,50		45,00	30,00	18,00	9,00
2			10	5		7	9		5,00	10,00		7,14	5,56		18,00	36,00	30,00	20,00
3			6	7		8	14		8,33	7,14		6,25	3,57		30,00	25,71	30,00	12,86
4			3	7		4	19		16,67	7,14		12,50	2,63		60,00	25,71	18,00	9,47
5			5	6		5	15		10,00	8,33		10,00	3,33		36,00	30,00	30,00	12,00
6			5	6		6	20		10,00	8,33		8,33	2,50		36,00	30,00	25,71	9,00
7			2	6		9	17		25,00	8,33		5,56	2,94		90,00	30,00	20,00	10,59
8			5	6		4	15		10,00	8,33		12,50	3,33		36,00	30,00	22,50	12,00
9			11	5		5	17		4,55	10,00		10,00	2,94		16,36	36,00	36,00	10,59
10			10	5		5	23		5,00	10,00		10,00	2,17		18,00	36,00	36,00	7,83
11			8	4			21		6,25	12,50			2,38		22,50	45,00		8,57
12			8	4			15		6,25	12,50			3,33		22,50	45,00		12,00
13				4			15			12,50			3,33			45,00		12,00
14				4			13			12,50			3,85			45,00		13,85
15				6			17			8,33			2,94			30,00		10,59
16				6			18			8,33			2,78			30,00		10,00
17				6			20			8,33			2,50			30,00		9,00
18				4			18			12,50			2,78			45,00		10,00
19				4			20			12,50			2,50			45,00		9,00
20				4			12			12,50			4,17			45,00		15,00
21				4			18			12,50			2,78			45,00		10,00
22				7			15			7,14			3,33			25,71		12,00
23				6			24			8,33			2,08			30,00		7,50
24				6			18			8,33			2,78			30,00		10,00
25				6			14			8,33			3,57			30,00		12,86
26				6			17			8,33			2,94			30,00		10,59
27				6			23			8,33			2,17			30,00		7,83
28				6						8,33						30,00		
29				6						8,33						30,00		
30				6						8,33						30,00		

31				6						8,33						30,00			
32				6						8,33						30,00			
33				7						7,14						25,71			
34				7						7,14						25,71			
35				4						12,50						45,00			
36				4						12,50						45,00			
37				4						12,50						45,00			
38				4						12,50						45,00			
39				5						10,00						36,00			
40				5						10,00						36,00			
41				5						10,00						36,00			
42				5						10,00						36,00			
43				5						10,00						36,00			
44				5						10,00						36,00			
45				5						10,00						36,00			
46				7						7,14						25,71			
47				7						7,14						25,71			
48				7						7,14						25,71			
49				7						7,14						25,71			
50				7						7,14						25,71			
51				5						10,00						36,00			
52				5						10,00						36,00			
53				5						10,00						36,00			
54				6						8,33						30,00			
55				6						8,33						30,00			
56				5						10,00						36,00			
57				5						10,00						36,00			
58				9						5,56						20,00			
59				9						5,56						20,00			
60				9						5,56						20,00			
	Jumlah														430	1997		266	294
	Vt(km/jam)														35,86	33,29		26,62	10,89
1	07.15-07.30		3	5		8	10		16,67	10,00		6,25	5,00		60,00	36,00		22,50	18,00
2			4	5		10	12		12,50	10,00		5,00	4,17		45,00	36,00		18,00	15,00
3			4	5		6	11		12,50	10,00		8,33	4,55		45,00	36,00		30,00	16,36
4			4	5		7	18		12,50	10,00		7,14	2,78		45,00	36,00		25,71	10,00
5			8	5			12		6,25	10,00			4,17		22,50	36,00			15,00
6			5	6			14		10,00	8,33			3,57		36,00	30,00			12,86

7			7	6		8		7,14	8,33			6,25		25,71	30,00			22,50
8			7	6		11		7,14	8,33			4,55		25,71	30,00			16,36
9				6		13			8,33			3,85			30,00			13,85
10				6		13			8,33			3,85			30,00			13,85
11				6		15			8,33			3,33			30,00			12,00
12				5		12			10,00			4,17			36,00			15,00
13				5		13			10,00			3,85			36,00			13,85
14				5		10			10,00			5,00			36,00			18,00
15				5		13			10,00			3,85			36,00			13,85
16				4		13			12,50			3,85			45,00			13,85
17				4		12			12,50			4,17			45,00			15,00
18				4		12			12,50			4,17			45,00			15,00
19				4		14			12,50			3,57			45,00			12,86
20				4		14			12,50			3,57			45,00			12,86
21				6		12			8,33			4,17			30,00			15,00
22				6		15			8,33			3,33			30,00			12,00
23				5		13			10,00			3,85			36,00			13,85
24				5		13			10,00			3,85			36,00			13,85
25				5		15			10,00			3,33			36,00			12,00
26				5		25			10,00			2,00			36,00			7,20
27				5		14			10,00			3,57			36,00			12,86
28				5		15			10,00			3,33			36,00			12,00
29				4					12,50						45,00			
30				4					12,50						45,00			
31				4					12,50						45,00			
32				6					8,33						30,00			
33				6					8,33						30,00			
34				6					8,33						30,00			
35				6					8,33						30,00			
36				5					10,00						36,00			
37				5					10,00						36,00			
38				5					10,00						36,00			
39				6					8,33						30,00			
40				6					8,33						30,00			
41				6					8,33						30,00			
42				6					8,33						30,00			
43				6					8,33						30,00			
44				4					12,50						45,00			

45				3						16,67						60,00			
46				4						12,50						45,00			
47				4						12,50						45,00			
48				5						10,00						36,00			
49				5						10,00						36,00			
50				5						10,00						36,00			
51				5						10,00						36,00			
52				5						10,00						36,00			
53				3						16,67						60,00			
54				7						7,14						25,71			
55				7						7,14						25,71			
56				7						7,14						25,71			
57				7						7,14						25,71			
58				7						7,14						25,71			
59				5						10,00						36,00			
60				5						10,00						36,00			
	Jumlah														305	2154		96	395
	Vt(km/jam)														38,12	35,89		24,05	14,10
1	07.30-07.45			5	5		5	13		10,00	10,00		10,00	3,85		36,00	36,00	36,00	13,85
2				8	6		4	14		6,25	8,33		12,50	3,57		22,50	30,00	45,00	12,86
3				6	6		7	15		8,33	8,33		7,14	3,33		30,00	30,00	25,71	12,00
4				8	6		6	12		6,25	8,33		8,33	4,17		22,50	30,00	30,00	15,00
5				5	6		5	15		10,00	8,33		10,00	3,33		36,00	30,00	36,00	12,00
6				5	6		7	13		10,00	8,33		7,14	3,85		36,00	30,00	25,71	13,85
7				8	5		5	12		6,25	10,00		10,00	4,17		22,50	36,00	36,00	15,00
8				8	5		6	13		6,25	10,00		8,33	3,85		22,50	36,00	30,00	13,85
9				6	5		4	13		8,33	10,00		12,50	3,85		30,00	36,00	45,00	13,85
10				5	5			18		10,00	10,00			2,78		36,00	36,00		10,00
11				6	5			10		8,33	10,00			5,00		30,00	36,00		18,00
12				3	3			13		16,67	16,67			3,85		60,00	60,00		13,85
13					5			12			10,00			4,17			36,00		15,00
14					5			12			10,00			4,17			36,00		15,00
15					6			10			8,33			5,00			30,00		18,00
16					5			10			10,00			5,00			36,00		18,00
17					4			9			12,50			5,56			45,00		20,00
18					4			10			12,50			5,00			45,00		18,00
19					5			8			10,00			6,25			36,00		22,50
20					5			12			10,00			4,17			36,00		15,00

21				5					10,00						36,00			
22				5					10,00						36,00			
23				5					10,00						36,00			
24				5					10,00						36,00			
25				5					10,00						36,00			
26				5					10,00						36,00			
27				5					10,00						36,00			
28				5					10,00						36,00			
29				3					16,67						60,00			
30				4					12,50						45,00			
31				4					12,50						45,00			
32				4					12,50						45,00			
33				4					12,50						45,00			
34				4					12,50						45,00			
35				6					8,33						30,00			
36				6					8,33						30,00			
37				4					12,50						45,00			
38				4					12,50						45,00			
39				4					12,50						45,00			
40				4					12,50						45,00			
41				4					12,50						45,00			
42				6					8,33						30,00			
	Jumlah													384	1614		309	306
	Vt(km/jam)													32,00	38,43		34,38	15,28
1	07.45-08.00		6	5		4	9		8,33	10,00		12,50	5,56		30,00	36,00	45,00	20,00
2			7	5		4	11		7,14	10,00		12,50	4,55		25,71	36,00	45,00	16,36
3			16	5		8	9		3,13	10,00		6,25	5,56		11,25	36,00	22,50	20,00
4			7	5		7	8		7,14	10,00		7,14	6,25		25,71	36,00	25,71	22,50
5			7	5		3	11		7,14	10,00		16,67	4,55		25,71	36,00	60,00	16,36
6			6	3		6	10		8,33	16,67		8,33	5,00		30,00	60,00	30,00	18,00
7			8	3		10	9		6,25	16,67		5,00	5,56		22,50	60,00	18,00	20,00
8			5	4		6	8		10,00	12,50		8,33	6,25		36,00	45,00	30,00	22,50
9			7	4		9	8		7,14	12,50		5,56	6,25		25,71	45,00	20,00	22,50
10			7	4		6	18		7,14	12,50		8,33	2,78		25,71	45,00	30,00	10,00
11			7	4			8		7,14	12,50			6,25		25,71	45,00		22,50
12				4			7			12,50			7,14			45,00		25,71
13				4			8			12,50			6,25			45,00		22,50
14				5			7			10,00			7,14			36,00		25,71

15				5			8			10,00			6,25			36,00			22,50
16				5			8			10,00			6,25			36,00			22,50
17				5			7			10,00			7,14			36,00			25,71
18				6			8			8,33			6,25			30,00			22,50
19				6			10			8,33			5,00			30,00			18,00
20				8			8			6,25			6,25			22,50			22,50
21				8			6			6,25			8,33			22,50			30,00
22				7			7			7,14			7,14			25,71			25,71
23				7			7			7,14			7,14			25,71			25,71
24				7						7,14						25,71			
25				7						7,14						25,71			
26				7						7,14						25,71			
27				7						7,14						25,71			
28				7						7,14						25,71			
29				7						7,14						25,71			
30				5						10,00						36,00			
31				5						10,00						36,00			
32				4						12,50						45,00			
33				5						10,00						36,00			
34				5						10,00						36,00			
35				5						10,00						36,00			
36				5						10,00						36,00			
37				5						10,00						36,00			
38				5						10,00						36,00			
39				7						7,14						25,71			
40				5						10,00						36,00			
41				5						10,00						36,00			
42				5						10,00						36,00			
43				5						10,00						36,00			
44				5						10,00						36,00			
45				7						7,14						25,71			
46				7						7,14						25,71			
	Jumlah															284	1615	326	500
	Vt(km/jam)															25,82	35,11	32,62	21,73
1	08.00-08.15			5	4		5	5		10,00	12,50		10,00	10,00		36,00	45,00	36,00	36,00
2				6	3		2	6		8,33	16,67		25,00	8,33		30,00	60,00	90,00	30,00
3				5	3		3	5		10,00	16,67		16,67	10,00		36,00	60,00	60,00	36,00
4				7	5		4	4		7,14	10,00		12,50	12,50		25,71	36,00	45,00	45,00

5			6	5		3	5		8,33	10,00		16,67	10,00		30,00	36,00		60,00	36,00
6			5	5		2	4		10,00	10,00		25,00	12,50		36,00	36,00		90,00	45,00
7			5	5		3	4		10,00	10,00		16,67	12,50		36,00	36,00		60,00	45,00
8			6	4		4	5		8,33	12,50		12,50	10,00		30,00	45,00		45,00	36,00
9			7	4		4	5		7,14	12,50		12,50	10,00		25,71	45,00		45,00	36,00
10			7	4		5	6		7,14	12,50		10,00	8,33		25,71	45,00		36,00	30,00
11				4			5			12,50			10,00			45,00			36,00
12				4			4			12,50			12,50			45,00			45,00
13				6			6			8,33			8,33			30,00			30,00
14				6			4			8,33			12,50			30,00			45,00
15				6						8,33						30,00			
16				6						8,33						30,00			
17				4						12,50						45,00			
18				4						12,50						45,00			
19				4						12,50						45,00			
20				4						12,50						45,00			
21				4						12,50						45,00			
22				4						12,50						45,00			
23				4						12,50						45,00			
24				4						12,50						45,00			
25				4						12,50						45,00			
26				6						8,33						30,00			
27				6						8,33						30,00			
28				6						8,33						30,00			
29				6						8,33						30,00			
30				6						8,33						30,00			
31				3						16,67						60,00			
32				5						10,00						36,00			
33				4						12,50						45,00			
34				4						12,50						45,00			
35				4						12,50						45,00			
36				4						12,50						45,00			
37				4						12,50						45,00			
38				4						12,50						45,00			
39				5						10,00						36,00			
40				5						10,00						36,00			
41				5						10,00						36,00			
42				5						10,00						36,00			

43				6					8,33						30,00			
44				4					12,50						45,00			
45				4					12,50						45,00			
46				5					10,00						36,00			
47				3					16,67						60,00			
48				3					16,67						60,00			
	Jumlah														311	1995	567	531
	Vt(km/jam)														31,11	41,56	56,70	37,93
1	08.15-08.30		7	4		5	5		7,14	12,50		10,00	10,00		25,71	45,00	36,00	36,00
2			6	5		5	4		8,33	10,00		10,00	12,50		30,00	36,00	36,00	45,00
3			7	5		5	4		7,14	10,00		10,00	12,50		25,71	36,00	36,00	45,00
4			5	5		5	5		10,00	10,00		10,00	10,00		36,00	36,00	36,00	36,00
5			7	5		5	5		7,14	10,00		10,00	10,00		25,71	36,00	36,00	36,00
6			5	5		4	5		10,00	10,00		12,50	10,00		36,00	36,00	45,00	36,00
7			8	5		8	3		6,25	10,00		6,25	16,67		22,50	36,00	22,50	60,00
8			5	5		7	4		10,00	10,00		7,14	12,50		36,00	36,00	25,71	45,00
9			5	5		4	4		10,00	10,00		12,50	12,50		36,00	36,00	45,00	45,00
10			5	5		7	4		10,00	10,00		7,14	12,50		36,00	36,00	25,71	45,00
11			6	4			4		8,33	12,50			12,50		30,00	45,00		45,00
12			5	4			6		10,00	12,50			8,33		36,00	45,00		30,00
13			6	4			4		8,33	12,50			12,50		30,00	45,00		45,00
14				4			5			12,50			10,00			45,00		36,00
15				4			3			12,50			16,67			45,00		60,00
16				4			4			12,50			12,50			45,00		45,00
17				4			4			12,50			12,50			45,00		45,00
18				4			4			12,50			12,50			45,00		45,00
19				4			3			12,50			16,67			45,00		60,00
20				4			5			12,50			10,00			45,00		36,00
21				4						12,50						45,00		
22				7						7,14						25,71		
23				7						7,14						25,71		
24				6						8,33						30,00		
25				3						16,67						60,00		
26				6						8,33						30,00		
27				6						8,33						30,00		
28				6						8,33						30,00		
29				6						8,33						30,00		
30				6						8,33						30,00		

31				6						8,33						30,00			
32				6						8,33						30,00			
33				8						6,25						22,50			
34				6						8,33						30,00			
35				6						8,33						30,00			
36				6						8,33						30,00			
37				3						16,67						60,00			
38				3						16,67						60,00			
39				3						16,67						60,00			
40				4						12,50						45,00			
41				4						12,50						45,00			
	Jumlah														406	1598		344	876
	Vt(km/jam)														31,20	38,97		34,39	43,80
1	08.30-08.45		12	3		4	4		4,17	16,67		12,50	12,50		15,00	60,00		45,00	45,00
2			11	6		5	5		4,55	8,33		10,00	10,00		16,36	30,00		36,00	36,00
3			6	5		6	4		8,33	10,00		8,33	12,50		30,00	36,00		30,00	45,00
4			7	5		5	5		7,14	10,00		10,00	10,00		25,71	36,00		36,00	36,00
5			15	6		6	4		3,33	8,33		8,33	12,50		12,00	30,00		30,00	45,00
6			6	6		9	4		8,33	8,33		5,56	12,50		30,00	30,00		20,00	45,00
7			6	3		7	3		8,33	16,67		7,14	16,67		30,00	60,00		25,71	60,00
8			4	3		11	4		12,50	16,67		4,55	12,50		45,00	60,00		16,36	45,00
9			6	4		5	4		8,33	12,50		10,00	12,50		30,00	45,00		36,00	45,00
10			6	4		6	3		8,33	12,50		8,33	16,67		30,00	45,00		30,00	60,00
11			7	4			5		7,14	12,50			10,00		25,71	45,00			36,00
12			6	5			5		8,33	10,00			10,00		30,00	36,00			36,00
13			7	5			4		7,14	10,00			12,50		25,71	36,00			45,00
14			9	5			5		5,56	10,00			10,00		20,00	36,00			36,00
15			6	8			5		8,33	6,25			10,00		30,00	22,50			36,00
16			7	8			3		7,14	6,25			16,67		25,71	22,50			60,00
17			6	8			4		8,33	6,25			12,50		30,00	22,50			45,00
18				6			4			8,33			12,50			30,00			45,00
19				6			12			8,33			4,17			30,00			15,00
20				4			12			12,50			4,17			45,00			15,00
21				4			6			12,50			8,33			45,00			30,00
22				4			5			12,50			10,00			45,00			36,00
23				4			4			12,50			12,50			45,00			45,00
24				4			5			12,50			10,00			45,00			36,00
25				4						12,50						45,00			

26				4						12,50						45,00			
27				4						12,50						45,00			
28				4						12,50						45,00			
29				6						8,33						30,00			
30				6						8,33						30,00			
31				6						8,33						30,00			
32				6						8,33						30,00			
33				4						12,50						45,00			
34				4						12,50						45,00			
35				4						12,50						45,00			
36				4						12,50						45,00			
37				7						7,14						25,71			
38				2						25,00						90,00			
39				5						10,00						36,00			
40				5						10,00						36,00			
41				5						10,00						36,00			
42				5						10,00						36,00			
43				5						10,00						36,00			
44				5						10,00						36,00			
45				7						7,14						25,71			
46				7						7,14						25,71			
47				4						12,50						45,00			
48				5						10,00						36,00			
49				5						10,00						36,00			
50				5						10,00						36,00			
51				5						10,00						36,00			
52				5						10,00						36,00			
53				5						10,00						36,00			
54				5						10,00						36,00			
55				4						12,50						45,00			
	Jumlah														451	2143		305	978
	Vt(km/jam)														26,54	38,96		30,51	40,75
1	08.45-09.00		6	6		5	4		8,33	8,33		10,00	12,50		30,00	30,00		36,00	45,00
2			5	6		4	4		10,00	8,33		12,50	12,50		36,00	30,00		45,00	45,00
3			6	4		5	4		8,33	12,50		10,00	12,50		30,00	45,00		36,00	45,00
4			5	9		5	3		10,00	5,56		10,00	16,67		36,00	20,00		36,00	60,00
5			5	7		5	3		10,00	7,14		10,00	16,67		36,00	25,71		36,00	60,00
6			5	7		6	4		10,00	7,14		8,33	12,50		36,00	25,71		30,00	45,00

7			5	7		12	3		10,00	7,14		4,17	16,67		36,00	25,71		15,00	60,00
8			6	4		6	3		8,33	12,50		8,33	16,67		30,00	45,00		30,00	60,00
9			4	6		5	4		12,50	8,33		10,00	12,50		45,00	30,00		36,00	45,00
10			6	6		4	4		8,33	8,33		12,50	12,50		30,00	30,00		45,00	45,00
11			6	6			5		8,33	8,33			10,00		30,00	30,00			36,00
12			8	7			5		6,25	7,14			10,00		22,50	25,71			36,00
13			9	5			6		5,56	10,00			8,33		20,00	36,00			30,00
14				4			6			12,50			8,33			45,00			30,00
15				4			5			12,50			10,00			45,00			36,00
16				4			4			12,50			12,50			45,00			45,00
17				4			5			12,50			10,00			45,00			36,00
18				5			4			10,00			12,50			36,00			45,00
19				5			5			10,00			10,00			36,00			36,00
20				5			3			10,00			16,67			36,00			60,00
21				4						12,50						45,00			
22				4						12,50						45,00			
23				4						12,50						45,00			
24				4						12,50						45,00			
25				9						5,56						20,00			
26				4						12,50						45,00			
27				3						16,67						60,00			
28				3						16,67						60,00			
29				4						12,50						45,00			
30				4						12,50						45,00			
31				4						12,50						45,00			
32				4						12,50						45,00			
33				4						12,50						45,00			
	Jumlah														418	1277		345	900
	Vt(km/jam)														32,12	38,69		34,50	45,00
1	09.00-09.15		6	4		5	4		8,33	12,50		10,00	12,50		30,00	45,00		36,00	45,00
2			5	4		3	5		10,00	12,50		16,67	10,00		36,00	45,00		60,00	36,00
3			8	4		5	3		6,25	12,50		10,00	16,67		22,50	45,00		36,00	60,00
4			5	4		5	5		10,00	12,50		10,00	10,00		36,00	45,00		36,00	36,00
5			7	5		5	5		7,14	10,00		10,00	10,00		25,71	36,00		36,00	36,00
6			6	5		7	5		8,33	10,00		7,14	10,00		30,00	36,00		25,71	36,00
7			6	5		5	4		8,33	10,00		10,00	12,50		30,00	36,00		36,00	45,00
8			4	6		6	5		12,50	8,33		8,33	10,00		45,00	30,00		30,00	36,00
9			6	6		5	5		8,33	8,33		10,00	10,00		30,00	30,00		36,00	36,00

10			5	4		4	4		10,00	12,50		12,50	12,50		36,00	45,00		45,00	45,00
11			6	4		6	4		8,33	12,50		8,33	12,50		30,00	45,00		30,00	45,00
12			6	4		5	3		8,33	12,50		10,00	16,67		30,00	45,00		36,00	60,00
13			5	4			4		10,00	12,50			12,50		36,00	45,00			45,00
14			6	4			4		8,33	12,50			12,50		30,00	45,00			45,00
15			8	4			5		6,25	12,50			10,00		22,50	45,00			36,00
16				3			4			16,67			12,50			60,00			45,00
17				3			5			16,67			10,00			60,00			36,00
18				3			5			16,67			10,00			60,00			36,00
19				5			5			10,00			10,00			36,00			36,00
20				5			5			10,00			10,00			36,00			36,00
21				5						10,00						36,00			
22				4						12,50						45,00			
23				6						8,33						30,00			
24				6						8,33						30,00			
25				4						12,50						45,00			
26				4						12,50						45,00			
27				4						12,50						45,00			
28				3						16,67						60,00			
29				4						12,50						45,00			
	Jumlah														470	1251		443	831
	Vt(km/jam)														31,31	43,14		36,89	41,55
1	09.15-09.30		8	4		4	6		6,25	12,50		12,50	8,33		22,50	45,00		45,00	30,00
2			5	5		4	4		10,00	10,00		12,50	12,50		36,00	36,00		45,00	45,00
3			5	15		5	4		10,00	3,33		10,00	12,50		36,00	12,00		36,00	45,00
4			5	2		6	5		10,00	25,00		8,33	10,00		36,00	90,00		30,00	36,00
5			9	2		6	5		5,56	25,00		8,33	10,00		20,00	90,00		30,00	36,00
6			6	8		6	4		8,33	6,25		8,33	12,50		30,00	22,50		30,00	45,00
7			6	7		3	4		8,33	7,14		16,67	12,50		30,00	25,71		60,00	45,00
8			5	7		7	5		10,00	7,14		7,14	10,00		36,00	25,71		25,71	36,00
9			7	9		6	5		7,14	5,56		8,33	10,00		25,71	20,00		30,00	36,00
10			6	9		6	4		8,33	5,56		8,33	12,50		30,00	20,00		30,00	45,00
11			5	9			4		10,00	5,56			12,50		36,00	20,00			45,00
12			5	9			5		10,00	5,56			10,00		36,00	20,00			36,00
13				4			4			12,50			12,50			45,00			45,00
14				4			4			12,50			12,50			45,00			45,00
15				4			4			12,50			12,50			45,00			45,00
16				4						12,50						45,00			

17				3						16,67						60,00			
18				3						16,67						60,00			
19				3						16,67						60,00			
20				3						16,67						60,00			
21				3						16,67						60,00			
22				3						16,67						60,00			
23				6						8,33						30,00			
24				4						12,50						45,00			
25				3						16,67						60,00			
26				6						8,33						30,00			
27				3						16,67						60,00			
28				5						10,00						36,00			
	Jumlah														374	1228		362	615
	Vt(km/jam)														31,18	43,85		36,17	41,00
1	09.30-09.45			5	4		6	4		10,00	12,50		8,33	12,50		36,00	45,00	30,00	45,00
2				6	5		5	4		8,33	10,00		10,00	12,50		30,00	36,00	36,00	45,00
3				7	5		5	5		7,14	10,00		10,00	10,00		25,71	36,00	36,00	36,00
4				7	5		9	5		7,14	10,00		5,56	10,00		25,71	36,00	20,00	36,00
5				6	5		4	4		8,33	10,00		12,50	12,50		30,00	36,00	45,00	45,00
6				7	4		5	4		7,14	12,50		10,00	12,50		25,71	45,00	36,00	45,00
7				7	4		7	6		7,14	12,50		7,14	8,33		25,71	45,00	25,71	30,00
8				7	5		4	4		7,14	10,00		12,50	12,50		25,71	36,00	45,00	45,00
9				5	5			4		10,00	10,00			12,50		36,00	36,00		45,00
10				5	5			5		10,00	10,00			10,00		36,00	36,00		36,00
11					4			5			12,50			10,00			45,00		36,00
12					4			5			12,50			10,00			45,00		36,00
13					4			5			12,50			10,00			45,00		36,00
14					3			4			16,67			12,50			60,00		45,00
15					4			4			12,50			12,50			45,00		45,00
16					8						6,25						22,50		
17					4						12,50						45,00		
18					4						12,50						45,00		
19					4						12,50						45,00		
20					5						10,00						36,00		
21					5						10,00						36,00		
22					5						10,00						36,00		
23					4						12,50						45,00		
24					4						12,50						45,00		

25				4						12,50						45,00			
26				4						12,50						45,00			
27				6						8,33						30,00			
	Jumlah														297	1103		274	606
	Vt(km/jam)														29,66	40,83		34,21	40,40
1	09.45-10.00		7	4		6	4		7,14	12,50		8,33	12,50		25,71	45,00		30,00	45,00
2			7	5		7	5		7,14	10,00		7,14	10,00		25,71	36,00		25,71	36,00
3			7	5		7	5		7,14	10,00		7,14	10,00		25,71	36,00		25,71	36,00
4			6	5		6	4		8,33	10,00		8,33	12,50		30,00	36,00		30,00	45,00
5			6	5		4	5		8,33	10,00		12,50	10,00		30,00	36,00		45,00	36,00
6			6	6		6	4		8,33	8,33		8,33	12,50		30,00	30,00		30,00	45,00
7			6	4		6	6		8,33	12,50		8,33	8,33		30,00	45,00		30,00	30,00
8			8	5			5		6,25	10,00			10,00		22,50	36,00			36,00
9			5	5			4		10,00	10,00			12,50		36,00	36,00			45,00
10				6			6			8,33			8,33			30,00			30,00
11				6			5			8,33			10,00			30,00			36,00
12				6			6			8,33			8,33			30,00			30,00
13				6			7			8,33			7,14			30,00			25,71
14				5			5			10,00			10,00			36,00			36,00
15				4			5			12,50			10,00			45,00			36,00
16				5						10,00						36,00			
17				5						10,00						36,00			
18				4						12,50						45,00			
	Jumlah														256	654		216	548
	Vt(km/jam)														28,40	36,33		30,92	36,51
1	14.00-14.15		4	7		7	10		12,50	7,14		7,14	5,00		45,00	25,71		25,71	18,00
2			18	3		5	12		2,78	16,67		10,00	4,17		10,00	60,00		36,00	15,00
3			7	6		6	14		7,14	8,33		8,33	3,57		25,71	30,00		30,00	12,86
4			11	9		4	13		4,55	5,56		12,50	3,85		16,36	20,00		45,00	13,85
5			7	8		6	6		7,14	6,25		8,33	8,33		25,71	22,50		30,00	30,00
6			7	5		6	11		7,14	10,00		8,33	4,55		25,71	36,00		30,00	16,36
7			6	8		10	22		8,33	6,25		5,00	2,27		30,00	22,50		18,00	8,18
8			7	5		2	19		7,14	10,00		25,00	2,63		25,71	36,00		90,00	9,47
9			6	6		4	17		8,33	8,33		12,50	2,94		30,00	30,00		45,00	10,59
10			6	9		6	13		8,33	5,56		8,33	3,85		30,00	20,00		30,00	13,85
11			6	7		7			8,33	7,14		7,14			30,00	25,71		25,71	
12			14	6		6			3,57	8,33		8,33			12,86	30,00		30,00	
13				5						10,00						36,00			

14				6						8,33						30,00			
15				8						6,25						22,50			
16				5						10,00						36,00			
17				6						8,33						30,00			
18				4						12,50						45,00			
19				6						8,33						30,00			
20				8						6,25						22,50			
21				5						10,00						36,00			
22				7						7,14						25,71			
23				4						12,50						45,00			
24				6						8,33						30,00			
	Jumlah														307	747		435	148
	Vt(km/jam)														25,59	31,13		36,29	14,82
1	14.15-14.30		7	6		6	11		7,14	8,33		8,33	4,55		25,71	30,00		30,00	16,36
2			7	5		4	12		7,14	10,00		12,50	4,17		25,71	36,00		45,00	15,00
3			26	6		4	9		1,92	8,33		12,50	5,56		6,92	30,00		45,00	20,00
4			32	6		3	11		1,56	8,33		16,67	4,55		5,63	30,00		60,00	16,36
5			6	7		3	9		8,33	7,14		16,67	5,56		30,00	25,71		60,00	20,00
6			5	6		7	11		10,00	8,33		7,14	4,55		36,00	30,00		25,71	16,36
7			11	5		3	9		4,55	10,00		16,67	5,56		16,36	36,00		60,00	20,00
8			7	8		4	9		7,14	6,25		12,50	5,56		25,71	22,50		45,00	20,00
9			26	6		5	8		1,92	8,33		10,00	6,25		6,92	30,00		36,00	22,50
10			7	5		3	8		7,14	10,00		16,67	6,25		25,71	36,00		60,00	22,50
11			6	15		7	11		8,33	3,33		7,14	4,55		30,00	12,00		25,71	16,36
12			7	5		6	5		7,14	10,00		8,33	10,00		25,71	36,00		30,00	36,00
13			7	4			6		7,14	12,50			8,33		25,71	45,00			30,00
14			24	6			5		2,08	8,33			10,00		7,50	30,00			36,00
15				10			4			5,00			12,50			18,00			45,00
16				4						12,50						45,00			
17				8						6,25						22,50			
18				9						5,56						20,00			
19				6						8,33						30,00			
20				5						10,00						36,00			
21				5						10,00						36,00			
22				7						7,14						25,71			
23				6						8,33						30,00			
24				6						8,33						30,00			
25				7						7,14						25,71			

	Jumlah													294	748		522	352
	Vt(km/jam)													20,97	29,93		43,54	23,50
1	14.30-14.45		7	5		7	4		7,14	10,00		7,14	12,50		25,71	36,00	25,71	45,00
2			7	8		4	5		7,14	6,25		12,50	10,00		25,71	22,50	45,00	36,00
3			8	6		6	5		6,25	8,33		8,33	10,00		22,50	30,00	30,00	36,00
4			6	5		4	4		8,33	10,00		12,50	12,50		30,00	36,00	45,00	45,00
5			8	9		5	5		6,25	5,56		10,00	10,00		22,50	20,00	36,00	36,00
6			4	6		4	4		12,50	8,33		12,50	12,50		45,00	30,00	45,00	45,00
7			7	6		4	5		7,14	8,33		12,50	10,00		25,71	30,00	45,00	36,00
8			7	7		6	5		7,14	7,14		8,33	10,00		25,71	25,71	30,00	36,00
9			9	7		7	4		5,56	7,14		7,14	12,50		20,00	25,71	25,71	45,00
10			10	7		7	5		5,00	7,14		7,14	10,00		18,00	25,71	25,71	36,00
11			7	8		4	3		7,14	6,25		12,50	16,67		25,71	22,50	45,00	60,00
12			6	8		6	4		8,33	6,25		8,33	12,50		30,00	22,50	30,00	45,00
13			8	6		4	4		6,25	8,33		12,50	12,50		22,50	30,00	45,00	45,00
14			7	7			5		7,14	7,14			10,00		25,71	25,71		36,00
15			7	7			3		7,14	7,14			16,67		25,71	25,71		60,00
16			10						5,00						18,00			
	Jumlah													409	408		473	642
	Vt(km/jam)													25,53	27,20		36,40	42,80
1	14.45-15.00		7	4		6	4		7,14	12,50		8,33	12,50		25,71	45,00	30,00	45,00
2			8	9		5	5		6,25	5,56		10,00	10,00		22,50	20,00	36,00	36,00
3			12	6		5	5		4,17	8,33		10,00	10,00		15,00	30,00	36,00	36,00
4			9	5		5	5		5,56	10,00		10,00	10,00		20,00	36,00	36,00	36,00
5			8	4		7	5		6,25	12,50		7,14	10,00		22,50	45,00	25,71	36,00
6			5	8		3	8		10,00	6,25		16,67	6,25		36,00	22,50	60,00	22,50
7			6	6		3	4		8,33	8,33		16,67	12,50		30,00	30,00	60,00	45,00
8			9	5		6	5		5,56	10,00		8,33	10,00		20,00	36,00	30,00	36,00
9			8	6		4	5		6,25	8,33		12,50	10,00		22,50	30,00	45,00	36,00
10			7	7		5	3		7,14	7,14		10,00	16,67		25,71	25,71	36,00	60,00
11			8	5		4	3		6,25	10,00		12,50	16,67		22,50	36,00	45,00	60,00
12			7	5			4		7,14	10,00			12,50		25,71	36,00		45,00
13				8			3			6,25			16,67			22,50		60,00
14				7			3			7,14			16,67			25,71		60,00
15				5			4			10,00			12,50			36,00		45,00
16							4						12,50					45,00
17							4						12,50					45,00
18							3						16,67					60,00

19							4						12,50					45,00	
20							3						16,67					60,00	
	Jumlah														288	476		440	914
	Vt(km/jam)														24,01	31,76		39,97	45,68
1	15.00-15.15		6	6		5	5		8,33	8,33		10,00	10,00		30,00	30,00		36,00	36,00
2			5	7		4	5		10,00	7,14		12,50	10,00		36,00	25,71		45,00	36,00
3			8	6		4	5		6,25	8,33		12,50	10,00		22,50	30,00		45,00	36,00
4			6	8		15	4		8,33	6,25		3,33	12,50		30,00	22,50		12,00	45,00
5			7	7		5	5		7,14	7,14		10,00	10,00		25,71	25,71		36,00	36,00
6			16	5		4	5		3,13	10,00		12,50	10,00		11,25	36,00		45,00	36,00
7			7	5		6	4		7,14	10,00		8,33	12,50		25,71	36,00		30,00	45,00
8			6	8		4	5		8,33	6,25		12,50	10,00		30,00	22,50		45,00	36,00
9			5	6		5	4		10,00	8,33		10,00	12,50		36,00	30,00		36,00	45,00
10			7	6		4	4		7,14	8,33		12,50	12,50		25,71	30,00		45,00	45,00
11			9			4	4		5,56			12,50	12,50		20,00			45,00	45,00
12			6			8	3		8,33			6,25	16,67		30,00			22,50	60,00
13			9				4		5,56				12,50		20,00				45,00
14			7				3		7,14				16,67		25,71				60,00
15			6				5		8,33				10,00		30,00				36,00
16			13				4		3,85				12,50		13,85				45,00
17			6				4		8,33				12,50		30,00				45,00
18							5						10,00						36,00
19							4						12,50						45,00
20							4						12,50						45,00
21							4						12,50						45,00
22							4						12,50						45,00
23							4						12,50						45,00
24							5						10,00						36,00
25							7						7,14						25,71
	Jumlah														442	288		443	1055
	Vt(km/jam)														26,03	28,84		36,88	42,19
1	15.15-15.30		8	5		4	5		6,25	10,00		12,50	10,00		22,50	36,00		45,00	36,00
2			7	8		5	5		7,14	6,25		10,00	10,00		25,71	22,50		36,00	36,00
3			7	9		4	5		7,14	5,56		12,50	10,00		25,71	20,00		45,00	36,00
4			7	6		4	4		7,14	8,33		12,50	12,50		25,71	30,00		45,00	45,00
5			5	7		4	5		10,00	7,14		12,50	10,00		36,00	25,71		45,00	36,00
6			6	3		5	5		8,33	16,67		10,00	10,00		30,00	60,00		36,00	36,00
7			8	4		8	7		6,25	12,50		6,25	7,14		22,50	45,00		22,50	25,71

8			6	10		5	6		8,33	5,00		10,00	8,33		30,00	18,00		36,00	30,00
9			6	6		5	5		8,33	8,33		10,00	10,00		30,00	30,00		36,00	36,00
10			7	7		5	4		7,14	7,14		10,00	12,50		25,71	25,71		36,00	45,00
11			5			4	5		10,00			12,50	10,00		36,00			45,00	36,00
12			7				6		7,14				8,33		25,71				30,00
13			4						12,50						45,00				
14			4						12,50						45,00				
15			6						8,33						30,00				
	Jumlah														456	313		428	428
	Vt(km/jam)														30,37	31,29		38,86	35,64
1	15.30-15.45		5	4		5	4		10,00	12,50		10,00	12,50		36,00	45,00		36,00	45,00
2			6	7		4	4		8,33	7,14		12,50	12,50		30,00	25,71		45,00	45,00
3			6	7		5	5		8,33	7,14		10,00	10,00		30,00	25,71		36,00	36,00
4			6	10		5	5		8,33	5,00		10,00	10,00		30,00	18,00		36,00	36,00
5			5	4		4	4		10,00	12,50		12,50	12,50		36,00	45,00		45,00	45,00
6			5	5		4	4		10,00	10,00		12,50	12,50		36,00	36,00		45,00	45,00
7			7	18		4	4		7,14	2,78		12,50	12,50		25,71	10,00		45,00	45,00
8			5	6		5	5		10,00	8,33		10,00	10,00		36,00	30,00		36,00	36,00
9			7	5		3	4		7,14	10,00		16,67	12,50		25,71	36,00		60,00	45,00
10			7	7		5	5		7,14	7,14		10,00	10,00		25,71	25,71		36,00	36,00
11			4				4		12,50				12,50		45,00				45,00
12			4				3		12,50				16,67		45,00				60,00
13			6				7		8,33				7,14		30,00				25,71
14			7				3		7,14				16,67		25,71				60,00
15			8				4		6,25				12,50		22,50				45,00
16			6				5		8,33				10,00		30,00				36,00
17			6				4		8,33				12,50		30,00				45,00
18							4						12,50						45,00
19							5						10,00						36,00
20							3						16,67						60,00
	Jumlah														539	297		420	872
	Vt(km/jam)														31,73	29,71		42,00	43,59
1	15.45-16.00		7	8		5	6		7,14	6,25		10,00	8,33		25,71	22,50		36,00	30,00
2			7	7		5	5		7,14	7,14		10,00	10,00		25,71	25,71		36,00	36,00
3			6	5		4	4		8,33	10,00		12,50	12,50		30,00	36,00		45,00	45,00
4			5	6		4	5		10,00	8,33		12,50	10,00		36,00	30,00		45,00	36,00
5			6	6		5	4		8,33	8,33		10,00	12,50		30,00	30,00		36,00	45,00
6			5	7		5	5		10,00	7,14		10,00	10,00		36,00	25,71		36,00	36,00

7			7	6		5	6		7,14	8,33		10,00	8,33		25,71	30,00		36,00	30,00
8			5	5		4	4		10,00	10,00		12,50	12,50		36,00	36,00		45,00	45,00
9			11	10		5	4		4,55	5,00		10,00	12,50		16,36	18,00		36,00	45,00
10			8	11		6	5		6,25	4,55		8,33	10,00		22,50	16,36		30,00	36,00
11			7	9		6	4		7,14	5,56		8,33	12,50		25,71	20,00		30,00	45,00
12			7	5			5		7,14	10,00			10,00		25,71	36,00			36,00
13			4	5			4		12,50	10,00			12,50		45,00	36,00			45,00
14			9	9			6		5,56	5,56			8,33		20,00	20,00			30,00
15				7			4			7,14			12,50			25,71			45,00
16							4						12,50						45,00
17							4						12,50						45,00
18							5						10,00						36,00
19							6						8,33						30,00
20							6						8,33						30,00
21							6						8,33						30,00
22							5						10,00						36,00
23							5						10,00						36,00
Jumlah															400	408		411	873
Vt(km/jam)															28,60	27,20		37,36	37,96

Hasil Perhitungan Kecepatan per 15 menit (Tidak ada parkir)

Sabtu, 2 September 2006

Jarak : 50 m

No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						K	
		(1)						(2)=(50)/(1)							
		WS			SW			WS			SW			WS	
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV
	06.00-06.15														
1			9	7		6	8		5,56	7,14		8,33	6,25		20,00
2			8	6		3	5		6,25	8,33		16,67	10,00		22,50
3			6	4		14	8		8,33	12,50		3,57	6,25		30,00
4			7	3		14	5		7,14	16,67		3,57	10,00		25,71
5			6	3		6	5		8,33	16,67		8,33	10,00		30,00
6			12	4		8	5		4,17	12,50		6,25	10,00		15,00
7			6	4			3		8,33	12,50			16,67		30,00
8			6	3			6		8,33	16,67			8,33		30,00
9				3			7			16,67			7,14		
10				5			7			10,00			7,14		
11				7			7			7,14			7,14		
12				6			6			8,33			8,33		
13				3			6			16,67			8,33		
14							5						10,00		
15							4						12,50		
16							9						5,56		
		Jumlah													203
		Vt(km/jam)													25,40
	06.15-06.30														
1			8	6		6	7		6,25	8,33		8,33	7,14		22,50
2			7	7		9	6		7,14	7,14		5,56	8,33		25,71
3			10	7		6	7		5,00	7,14		8,33	7,14		18,00
4			5	6		6	5		10,00	8,33		8,33	10,00		36,00
5			6	8		9	5		8,33	6,25		5,56	10,00		30,00
6			8	8		6	7		6,25	6,25		8,33	7,14		22,50
7			13	5			7		3,85	10,00			7,14		13,85
8			10	7			8		5,00	7,14			6,25		18,00
9			7	7			5		7,14	7,14			10,00		25,71
10			6	5			7		8,33	10,00			7,14		30,00
11			11	8			7		4,55	6,25			7,14		16,36
12			7	5			6		7,14	10,00			8,33		25,71
13				7			7			7,14			7,14		
14				8			6			6,25			8,33		
15							7						7,14		
		Jumlah													284
		Vt(km/jam)													23,70
	06.30-06.45														
1			8	3		5	6		6,25	16,67		10,00	8,33		22,50
2			6	4		5	5		8,33	12,50		10,00	10,00		30,00
3			12	5		8	6		4,17	10,00		6,25	8,33		15,00
4			6	9		7	5		8,33	5,56		7,14	10,00		30,00
5			11	9		7	9		4,55	5,56		7,14	5,56		16,36
6			8	9		11	9		6,25	5,56		4,55	5,56		22,50
7			8	9		6	9		6,25	5,56		8,33	5,56		22,50
8			13	9		6	6		3,85	5,56		8,33	8,33		13,85
9			7	8		10	19		7,14	6,25		5,00	2,63		25,71

10			7	6			7		7,14	8,33			7,14		25,71
11			7	4			6		7,14	12,50			8,33		25,71
12			7	6			7		7,14	8,33			7,14		25,71
13				9			4			5,56			12,50		
14				5			9			10,00			5,56		
15				6			14			8,33			3,57		
16				9						5,56					
	Jumlah														276
	Vt(km/jam)														22,96
	06.45-07.00														
1			11	10	6	6	5		4,55	5,00	8,33	8,33	10,00		16,36
2			7	10	7	4	7		7,14	5,00	7,14	12,50	7,14		25,71
3			6	7		5	8		8,33	7,14		10,00	6,25		30,00
4			7	8		8	10		7,14	6,25		6,25	5,00		25,71
5			6	7		6	5		8,33	7,14		8,33	10,00		30,00
6			7	7		5	11		7,14	7,14		10,00	4,55		25,71
7			6	5		7	10		8,33	10,00		7,14	5,00		30,00
8			12	6			8		4,17	8,33			6,25		15,00
9			7	14			9		7,14	3,57			5,56		25,71
10			6	7			6		8,33	7,14			8,33		30,00
11			8	5			8		6,25	10,00			6,25		22,50
12			7	5			6		7,14	10,00			8,33		25,71
13			25	9			7		2,00	5,56			7,14		7,20
14			7	5			10		7,14	10,00			5,00		25,71
15			9	16			5		5,56	3,13			10,00		20,00
16				15			6			3,33			8,33		
17				7						7,14					
18				8						6,25					
	Jumlah														355
	Vt(km/jam)														23,69
	07.00-07.15														
1			7	8		6	10		7,14	6,25		8,33	5,00		25,71
2			6	8		7	6		8,33	6,25		7,14	8,33		30,00
3			6	5		6	6		8,33	10,00		8,33	8,33		30,00
4			4	5		7	5		12,50	10,00		7,14	10,00		45,00
5			7	8		5	4		7,14	6,25		10,00	12,50		25,71
6			5	6		4	5		10,00	8,33		12,50	10,00		36,00
7			4	7		5	6		12,50	7,14		10,00	8,33		45,00
8			5	7		11	5		10,00	7,14		4,55	10,00		36,00
9			5	6		5	6		10,00	8,33		10,00	8,33		36,00
10			8	10			5		6,25	5,00			10,00		22,50
11			6	5			5		8,33	10,00			10,00		30,00
12			10	6			5		5,00	8,33			10,00		18,00
13			11	6			6		4,55	8,33			8,33		16,36
14			6	10			6		8,33	5,00			8,33		30,00
15				5			6			10,00			8,33		
16							9						5,56		
17							6						8,33		
18							4						12,50		
19							7						7,14		
	Jumlah														426
	Vt(km/jam)														30,45
	07.15-07.30														
1			8	7		6	5		6,25	7,14		8,33	10,00		22,50

2			8	11		7	7		6,25	4,55		7,14	7,14		22,50
3			6	8		7	8		8,33	6,25		7,14	6,25		30,00
4			6	5		4	7		8,33	10,00		12,50	7,14		30,00
5			7	7		12	8		7,14	7,14		4,17	6,25		25,71
6			7	10		5	6		7,14	5,00		10,00	8,33		25,71
7			11	6		5	4		4,55	8,33		10,00	12,50		16,36
8			8	8		5	7		6,25	6,25		10,00	7,14		22,50
9			8	12			10		6,25	4,17			5,00		22,50
10			8	7			9		6,25	7,14			5,56		22,50
11			6	7			7		8,33	7,14			7,14		30,00
12			8	6			4		6,25	8,33			12,50		22,50
13			5	6			5		10,00	8,33			10,00		36,00
14							4						12,50		
15							5						10,00		
16							6						8,33		
17							6						8,33		
18							7						7,14		
19							5						10,00		
20							5						10,00		
21							4						12,50		
22							7						7,14		
23							6						8,33		
24							5						10,00		
25							5						10,00		
26							9						5,56		
27							9						5,56		
28							6						8,33		
29							7						7,14		
	Jumlah														329
	Vt(km/jam)														25,29
	07.30-07.45														
1			8	6		4	5		6,25	8,33		12,50	10,00		22,50
2			6	4		4	4		8,33	12,50		12,50	12,50		30,00
3			8	8		5	7		6,25	6,25		10,00	7,14		22,50
4			5	6		7	9		10,00	8,33		7,14	5,56		36,00
5			6	11		4	5		8,33	4,55		12,50	10,00		30,00
6			8	5		6	7		6,25	10,00		8,33	7,14		22,50
7			5	6		4	4		10,00	8,33		12,50	12,50		36,00
8			8	7		5	8		6,25	7,14		10,00	6,25		22,50
9			6	5		6	5		8,33	10,00		8,33	10,00		30,00
10			11	15			6		4,55	3,33			8,33		16,36
11			8	7			9		6,25	7,14			5,56		22,50
12				11			5			4,55			10,00		
13				5			6			10,00			8,33		
14				5			5			10,00			10,00		
15							7						7,14		
16							7						7,14		
17							6						8,33		
18							6						8,33		
19							5						10,00		
	Jumlah														291
	Vt(km/jam)														26,44
	07.45-08.00														
1			6	4		6	7		8,33	12,50		8,33	7,14		30,00

2			6	7		5	6		8,33	7,14		10,00	8,33		30,00
3			6	5		6	10		8,33	10,00		8,33	5,00		30,00
4			6	5		9	5		8,33	10,00		5,56	10,00		30,00
5			5	6		5	6		10,00	8,33		10,00	8,33		36,00
6			6	5		4	5		8,33	10,00		12,50	10,00		30,00
7			6	7		7	4		8,33	7,14		7,14	12,50		30,00
8			6	3		5	5		8,33	16,67		10,00	10,00		30,00
9			6	6		4	7		8,33	8,33		12,50	7,14		30,00
10			5	4		5	6		10,00	12,50		10,00	8,33		36,00
11			5	5		5	6		10,00	10,00		10,00	8,33		36,00
12			5	4			5		10,00	12,50			10,00		36,00
13			6	7			6		8,33	7,14			8,33		30,00
14			7	3			7		7,14	16,67			7,14		25,71
15			7	7			7		7,14	7,14			7,14		25,71
16			5	6			5		10,00	8,33			10,00		36,00
17			9	8			5		5,56	6,25			10,00		20,00
18				4			5			12,50			10,00		
19				4			6			12,50			8,33		
20				7			6			7,14			8,33		
21				7			6			7,14			8,33		
Jumlah															521
Vt(km/jam)															30,67
	08.00-08.15														
1			6	5		5	6		8,33	10,00		10,00	8,33		30,00
2			4	7		5	5		12,50	7,14		10,00	10,00		45,00
3			6	5		7	8		8,33	10,00		7,14	6,25		30,00
4			5	4		6	7		10,00	12,50		8,33	7,14		36,00
5			6	4		5	5		8,33	12,50		10,00	10,00		30,00
6			7	4		7	4		7,14	12,50		7,14	12,50		25,71
7			5	4		6	5		10,00	12,50		8,33	10,00		36,00
8			17	6		11	5		2,94	8,33		4,55	10,00		10,59
9			5	6		5	5		10,00	8,33		10,00	10,00		36,00
10			4	4		4	4		12,50	12,50		12,50	12,50		45,00
11			5	4		6	5		10,00	12,50		8,33	10,00		36,00
12			5	6			6		10,00	8,33			8,33		36,00
13			8	5			8		6,25	10,00			6,25		22,50
14			10	5			6		5,00	10,00			8,33		18,00
15			6	5			4		8,33	10,00			12,50		30,00
16							4						12,50		
17							6						8,33		
18							6						8,33		
19							4						12,50		
20							7						7,14		
21							5						10,00		
22							4						12,50		
23							6						8,33		
Jumlah															467
Vt(km/jam)															31,12
	08.15-08.30														
1			5	7		8	6		10,00	7,14		6,25	8,33		36,00
2			5	5		4	6		10,00	10,00		12,50	8,33		36,00
3			5	6		5	5		10,00	8,33		10,00	10,00		36,00
4			4	5		4	6		12,50	10,00		12,50	8,33		45,00
5			5	5		8	5		10,00	10,00		6,25	10,00		36,00

6			6	5		4	8		8,33	10,00		12,50	6,25		30,00
7			5	10		6	6		10,00	5,00		8,33	8,33		36,00
8			6	9		3	4		8,33	5,56		16,67	12,50		30,00
9			6	7		5	5		8,33	7,14		10,00	10,00		30,00
10			23	5		4	8		2,17	10,00		12,50	6,25		7,83
11			4	5		5	7		12,50	10,00		10,00	7,14		45,00
12			7	5		7	6		7,14	10,00		7,14	8,33		25,71
13			15	4		3	6		3,33	12,50		16,67	8,33		12,00
14			6	5			7		8,33	10,00			7,14		30,00
15			10	5			11		5,00	10,00			4,55		18,00
16							6						8,33		
17							5						10,00		
18							6						8,33		
19							6						8,33		
20							4						12,50		
21							6						8,33		
22							5						10,00		
23							5						10,00		
	Jumlah														454
	Vt(km/jam)														30,24
	08.30-08.45														
1			5	4		5	6		10,00	12,50		10,00	8,33		36,00
2			9	5		5	7		5,56	10,00		10,00	7,14		20,00
3			7	5		3	7		7,14	10,00		16,67	7,14		25,71
4			4	6		5	7		12,50	8,33		10,00	7,14		45,00
5			12	4		4	6		4,17	12,50		12,50	8,33		15,00
6			5	6		5	11		10,00	8,33		10,00	4,55		36,00
7			5	6		4	6		10,00	8,33		12,50	8,33		36,00
8			7	3		6	6		7,14	16,67		8,33	8,33		25,71
9			7	4		6	6		7,14	12,50		8,33	8,33		25,71
10			4	10		6	8		12,50	5,00		8,33	6,25		45,00
11			5	5		16	9		10,00	10,00		3,13	5,56		36,00
12			4	3			7		12,50	16,67			7,14		45,00
13			5	6			7		10,00	8,33			7,14		36,00
14			5	5			9		10,00	10,00			5,56		36,00
15				8			5			6,25			10,00		
16				8			5			6,25			10,00		
17							5						10,00		
18							6						8,33		
19							6						8,33		
20							6						8,33		
21							6						8,33		
22							8						6,25		
	Jumlah														463
	Vt(km/jam)														33,08
	08.45-09.00														
1			6	6		5	8		8,33	8,33		10,00	6,25		30,00
2			5	5		4	6		10,00	10,00		12,50	8,33		36,00
3			4	7		5	6		12,50	7,14		10,00	8,33		45,00
4			6	7		8	6		8,33	7,14		6,25	8,33		30,00
5			6	5		6	9		8,33	10,00		8,33	5,56		30,00
6			5	6		9	7		10,00	8,33		5,56	7,14		36,00
7			5	4		5	4		10,00	12,50		10,00	12,50		36,00
8			5	5		6	6		10,00	10,00		8,33	8,33		36,00

9			6	6		5	8		8,33	8,33		10,00	6,25		30,00
10			8	5		6	5		6,25	10,00		8,33	10,00		22,50
11			6	8		5	7		8,33	6,25		10,00	7,14		30,00
12			5	5		8	6		10,00	10,00		6,25	8,33		36,00
13			6	7			7		8,33	7,14			7,14		30,00
14			5	5			6		10,00	10,00			8,33		36,00
15			7	4			8		7,14	12,50			6,25		25,71
16			9	5			6		5,56	10,00			8,33		20,00
17				5						10,00					
	Jumlah														509
	Vt(km/jam)														31,83
	09.00-09.15														
1			6	4		5	6		8,33	12,50		10,00	8,33		30,00
2			4	5		5	5		12,50	10,00		10,00	10,00		45,00
3			4	5		6	8		12,50	10,00		8,33	6,25		45,00
4			7	5		5	6		7,14	10,00		10,00	8,33		25,71
5			5	6		6	5		10,00	8,33		8,33	10,00		36,00
6			5	4		7	6		10,00	12,50		7,14	8,33		36,00
7			7	5		6	6		7,14	10,00		8,33	8,33		25,71
8			6	3		5	8		8,33	16,67		10,00	6,25		30,00
9			14	4		4	9		3,57	12,50		12,50	5,56		12,86
10			5	6		7	18		10,00	8,33		7,14	2,78		36,00
11			10	5			10		5,00	10,00			5,00		18,00
12				4			7			12,50			7,14		
13				5			6			10,00			8,33		
14				8			7			6,25			7,14		
15				6						8,33					
	Jumlah														340
	Vt(km/jam)														30,94
	09.15-09.30														
1			10	4		7	6		5,00	12,50		7,14	8,33		18,00
2			6	6		6	7		8,33	8,33		8,33	7,14		30,00
3			6	6		5	8		8,33	8,33		10,00	6,25		30,00
4			6	4		12	7		8,33	12,50		4,17	7,14		30,00
5			5	5		6	10		10,00	10,00		8,33	5,00		36,00
6			7	5		3	6		7,14	10,00		16,67	8,33		25,71
7			27	6		6	8		1,85	8,33		8,33	6,25		6,67
8			10	5		5	11		5,00	10,00		10,00	4,55		18,00
9			6	5		6	8		8,33	10,00		8,33	6,25		30,00
10			9	3		5	5		5,56	16,67		10,00	10,00		20,00
11			4	5		4	6		12,50	10,00		12,50	8,33		45,00
12			5	6			7		10,00	8,33			7,14		36,00
13				5			7			10,00			7,14		
14				7			6			7,14			8,33		
15				6			6			8,33			8,33		
16				6			5			8,33			10,00		
17				9			6			5,56			8,33		
18				5						10,00					
	Jumlah														325
	Vt(km/jam)														27,12
	09.30-09.45														
1			8	5		5	6		6,25	10,00		10,00	8,33		22,50
2			8	9		27	8		6,25	5,56		1,85	6,25		22,50
3			7	7		6	8		7,14	7,14		8,33	6,25		25,71

4			7	7		6	7		7,14	7,14		8,33	7,14		25,71
5			7	4		5	4		7,14	12,50		10,00	12,50		25,71
6			10	4		5	6		5,00	12,50		10,00	8,33		18,00
7			10	4		7	7		5,00	12,50		7,14	7,14		18,00
8			7	6			4		7,14	8,33			12,50		25,71
9			6	6			9		8,33	8,33			5,56		30,00
10			6	5			7		8,33	10,00			7,14		30,00
11			7	3			6		7,14	16,67			8,33		25,71
12			7	6			5		7,14	8,33			10,00		25,71
13			10	6			11		5,00	8,33			4,55		18,00
14			14	5			5		3,57	10,00			10,00		12,86
15			6	6			6		8,33	8,33			8,33		30,00
16				6			6			8,33			8,33		
17				14			5			3,57			10,00		
18				8			5			6,25			10,00		
19							10						5,00		
20							10						5,00		
21							5						10,00		
	Jumlah														356
	Vt(km/jam)														23,74
	09.45-10.00														
1			5	6		5	5		10,00	8,33		10,00	10,00		36,00
2			6	4		5	4		8,33	12,50		10,00	12,50		30,00
3			5	5		6	5		10,00	10,00		8,33	10,00		36,00
4			5	5		4	7		10,00	10,00		12,50	7,14		36,00
5			5	6		6	5		10,00	8,33		8,33	10,00		36,00
6			7	6		7	7		7,14	8,33		7,14	7,14		25,71
7			5	5		9	7		10,00	10,00		5,56	7,14		36,00
8			6	6		9	7		8,33	8,33		5,56	7,14		30,00
9			12	4		5	6		4,17	12,50		10,00	8,33		15,00
10			5	6		6	5		10,00	8,33		8,33	10,00		36,00
11			5	7		12	6		10,00	7,14		4,17	8,33		36,00
12				6			6			8,33			8,33		
13				5			6			10,00			8,33		
14				6			7			8,33			7,14		
15				8			7			6,25			7,14		
16				5			6			10,00			8,33		
17				5			6			10,00			8,33		
18							7						7,14		
19							5						10,00		
20							6						8,33		
21							6						8,33		
22							8						6,25		
	Jumlah														353
	Vt(km/jam)														32,06
	14.00-14.15														
1			8	7		4	10		6,25	7,14		12,50	5,00		22,50
2			8	6		6	5		6,25	8,33		8,33	10,00		22,50
3			18	10		4	6		2,78	5,00		12,50	8,33		10,00
4			10	7		4	5		5,00	7,14		12,50	10,00		18,00
5			14	6		6	4		3,57	8,33		8,33	12,50		12,86
6			8	4		5	7		6,25	12,50		10,00	7,14		22,50
7			11	5		5	4		4,55	10,00		10,00	12,50		16,36
8			8	6		7	5		6,25	8,33		7,14	10,00		22,50

9			7	6		8	5		7,14	8,33		6,25	10,00		25,71
10				6		6	4			8,33		8,33	12,50		
11				6		8	6			8,33		6,25	8,33		
12							7						7,14		
13							6						8,33		
14							6						8,33		
	Jumlah														173
	Vt(km/jam)														19,22
	14.15-14.30														
1			9	6		8	6		5,56	8,33		6,25	8,33		20,00
2			8	6		7	5		6,25	8,33		7,14	10,00		22,50
3			18	4		5	5		2,78	12,50		10,00	10,00		10,00
4			8	5		5	6		6,25	10,00		10,00	8,33		22,50
5			5	3		5	5		10,00	16,67		10,00	10,00		36,00
6			4	8		6	5		12,50	6,25		8,33	10,00		45,00
7			7	5		5	7		7,14	10,00		10,00	7,14		25,71
8			6	4		6	3		8,33	12,50		8,33	16,67		30,00
9			13	5		15	4		3,85	10,00		3,33	12,50		13,85
10			11	6		5	4		4,55	8,33		10,00	12,50		16,36
11			8	7		5	7		6,25	7,14		10,00	7,14		22,50
12				6		4	7			8,33		12,50	7,14		
13				4			7			12,50			7,14		
14				4			4			12,50			12,50		
15				6			5			8,33			10,00		
16							5						10,00		
	Jumlah														264
	Vt(km/jam)														24,04
	14.30-14.45														
1			8	5		6	5		6,25	10,00		8,33	10,00		22,50
2			16	12		4	5		3,13	4,17		12,50	10,00		11,25
3			6	5		5	7		8,33	10,00		10,00	7,14		30,00
4			4	8		6	6		12,50	6,25		8,33	8,33		45,00
5			8	4		4	6		6,25	12,50		12,50	8,33		22,50
6			8	8		13	5		6,25	6,25		3,85	10,00		22,50
7			5	5		7	9		10,00	10,00		7,14	5,56		36,00
8			10	6		6	8		5,00	8,33		8,33	6,25		18,00
9			9	4		4	11		5,56	12,50		12,50	4,55		20,00
10			5	4		6	10		10,00	12,50		8,33	5,00		36,00
11			4	5			5		12,50	10,00			10,00		45,00
12			9	7			4		5,56	7,14			12,50		20,00
13				5			5			10,00			10,00		
14				4			6			12,50			8,33		
15				8			6			6,25			8,33		
16				4			5			12,50			10,00		
17							4						12,50		
18							5						10,00		
	Jumlah														329
	Vt(km/jam)														27,40
	14.45-15.00														
1			8	5		4	4		6,25	10,00		12,50	12,50		22,50
2			5	5		5	5		10,00	10,00		10,00	10,00		36,00
3			6	7		3	6		8,33	7,14		16,67	8,33		30,00
4			7	6		8	5		7,14	8,33		6,25	10,00		25,71
5			8	4		4	4		6,25	12,50		12,50	12,50		22,50

6			6	4		5	6		8,33	12,50		10,00	8,33		30,00
7			6	4		4	4		8,33	12,50		12,50	12,50		30,00
8			8	3		7	7		6,25	16,67		7,14	7,14		22,50
9			6	5		3	8		8,33	10,00		16,67	6,25		30,00
10			8	4		4	6		6,25	12,50		12,50	8,33		22,50
11			6	5		5	5		8,33	10,00		10,00	10,00		30,00
12			9	5		5	3		5,56	10,00		10,00	16,67		20,00
13			27	5			6		1,85	10,00			8,33		6,67
14				4			4			12,50			12,50		
15				4			6			12,50			8,33		
16							8						6,25		
	Jumlah														328
	Vt(km/jam)														25,26
	15.00-15.15														
1			7	4		4	6		7,14	12,50		12,50	8,33		25,71
2			5	5		8	7		10,00	10,00		6,25	7,14		36,00
3			7	5		5	4		7,14	10,00		10,00	12,50		25,71
4			5	4		6	5		10,00	12,50		8,33	10,00		36,00
5			5	7		5	4		10,00	7,14		10,00	12,50		36,00
6			8	7		6	6		6,25	7,14		8,33	8,33		22,50
7			5	5		7	9		10,00	10,00		7,14	5,56		36,00
8			5	4		5	5		10,00	12,50		10,00	10,00		36,00
9			4	8		3	5		12,50	6,25		16,67	10,00		45,00
10			5	6		4	4		10,00	8,33		12,50	12,50		36,00
11			8	4		5			6,25	12,50		10,00			22,50
12				7						7,14					
13				4						12,50					
14				5						10,00					
15				7						7,14					
16				5						10,00					
17				3						16,67					
18				8						6,25					
	Jumlah														357
	Vt(km/jam)														32,49
	15.15-15.30														
1			5	6		4	5		10,00	8,33		12,50	10,00		36,00
2			5	4		4	6		10,00	12,50		12,50	8,33		36,00
3			6	4		6	6		8,33	12,50		8,33	8,33		30,00
4			6	4		6	6		8,33	12,50		8,33	8,33		30,00
5			5	6		5	5		10,00	8,33		10,00	10,00		36,00
6			6	6		10	7		8,33	8,33		5,00	7,14		30,00
7			5	6		7	9		10,00	8,33		7,14	5,56		36,00
8			7	5		5	6		7,14	10,00		10,00	8,33		25,71
9			8	6		5	5		6,25	8,33		10,00	10,00		22,50
10			5	5		5	6		10,00	10,00		10,00	8,33		36,00
11			6	5		6	8		8,33	10,00		8,33	6,25		30,00
12			5	6			6		10,00	8,33			8,33		36,00
13			5	4			7		10,00	12,50			7,14		36,00
14			5	6			4		10,00	8,33			12,50		36,00
15				5			10			10,00			5,00		
16				5			5			10,00			10,00		
17				4			5			12,50			10,00		
18				9			4			5,56			12,50		
19				6			5			8,33			10,00		

20				6			7			8,33			7,14		
21				6			4			8,33			12,50		
22				12			3			4,17			16,67		
23				5						10,00					
	Jumlah														456
	Vt(km/jam)														32,59
	15.30-15.45														
1			4	5		4	5		12,50	10,00		12,50	10,00		45,00
2			6	6		3	4		8,33	8,33		16,67	12,50		30,00
3			5	5		4	5		10,00	10,00		12,50	10,00		36,00
4			4	6		5	6		12,50	8,33		10,00	8,33		45,00
5			21	5		4	4		2,38	10,00		12,50	12,50		8,57
6			8	3		5	4		6,25	16,67		10,00	12,50		22,50
7			5	4		5	5		10,00	12,50		10,00	10,00		36,00
8			6	5		5	7		8,33	10,00		10,00	7,14		30,00
9			11	8		8	4		4,55	6,25		6,25	12,50		16,36
10			6	5		8	6		8,33	10,00		6,25	8,33		30,00
11			5	7		7	5		10,00	7,14		7,14	10,00		36,00
12			8	7			4		6,25	7,14			12,50		22,50
13				5			4			10,00			12,50		
14				5			6			10,00			8,33		
15				3			5			16,67			10,00		
16				6			5			8,33			10,00		
17				4			5			12,50			10,00		
18				10			4			5,00			12,50		
19				4			6			12,50			8,33		
20				6			6			8,33			8,33		
21				8			6			6,25			8,33		
22				4			4			12,50			12,50		
	Jumlah														358
	Vt(km/jam)														29,83
	15.45-16.00														
1			8	6		8	6		6,25	8,33		6,25	8,33		22,50
2			11	7		4	5		4,55	7,14		12,50	10,00		16,36
3			5	5		4	5		10,00	10,00		12,50	10,00		36,00
4			6	7		5	5		8,33	7,14		10,00	10,00		30,00
5			8	8		5	7		6,25	6,25		10,00	7,14		22,50
6			6	5		5	4		8,33	10,00		10,00	12,50		30,00
7			9	4		4	4		5,56	12,50		12,50	12,50		20,00
8			6	3		5	4		8,33	16,67		10,00	12,50		30,00
9			6	3		6	5		8,33	16,67		8,33	10,00		30,00
10			10	4		7	6		5,00	12,50		7,14	8,33		18,00
11			8	5			4		6,25	10,00			12,50		22,50
12			6	3			6		8,33	16,67			8,33		30,00
13			15	3			7		3,33	16,67			7,14		12,00
14				5			4			10,00			12,50		
15				5			6			10,00			8,33		
16				4			6			12,50			8,33		
17				5			4			10,00			12,50		
18				8						6,25					
19				4						12,50					
20				4						12,50					
21				5						10,00					
22				6						8,33					

23				4						12,50					
24				9						5,56					
25				4						12,50					
26				6						8,33					
27				4						12,50					
28				9						5,56					
29				4						12,50					
													Jumlah		320
													Vt(km/jam)		24,60

kecepatan(km/jam)			
(3)=(2)x3,6			
SW			
MC	HV	LV	MC
25,71		30,00	22,50
30,00		60,00	36,00
45,00		12,86	22,50
60,00		12,86	36,00
60,00		30,00	36,00
45,00		22,50	36,00
45,00			60,00
60,00			30,00
60,00			25,71
36,00			25,71
25,71			25,71
30,00			30,00
60,00			30,00
			36,00
			45,00
			20,00
582		168	517
44,80		28,04	32,32
30,00		30,00	25,71
25,71		20,00	30,00
25,71		30,00	25,71
30,00		30,00	36,00
22,50		20,00	36,00
22,50		30,00	25,71
36,00			25,71
25,71			22,50
25,71			36,00
36,00			25,71
22,50			25,71
36,00			30,00
25,71			25,71
22,50			30,00
			25,71
387		160	426
27,61		26,67	28,41
60,00		36,00	30,00
45,00		36,00	36,00
36,00		22,50	30,00
20,00		25,71	36,00
20,00		25,71	20,00
20,00		16,36	20,00
20,00		30,00	20,00
20,00		30,00	30,00
22,50		18,00	9,47

30,00			25,71
45,00			30,00
30,00			25,71
20,00			45,00
36,00			20,00
30,00			12,86
20,00			
475		240	391
29,66		26,70	26,05
18,00	30,00	30,00	36,00
18,00	25,71	45,00	25,71
25,71		36,00	22,50
22,50		22,50	18,00
25,71		30,00	36,00
25,71		36,00	16,36
36,00		25,71	18,00
30,00			22,50
12,86			20,00
25,71			30,00
36,00			22,50
36,00			30,00
20,00			25,71
36,00			18,00
11,25			36,00
12,00			30,00
25,71			
22,50			
440	56	225	407
24,43	27,86	32,17	25,46
22,50		30,00	18,00
22,50		25,71	30,00
36,00		30,00	30,00
36,00		25,71	36,00
22,50		36,00	45,00
30,00		45,00	36,00
25,71		36,00	30,00
25,71		16,36	36,00
30,00		36,00	30,00
18,00			36,00
36,00			36,00
30,00			36,00
30,00			30,00
18,00			30,00
36,00			30,00
			20,00
			30,00
			45,00
			25,71
419		281	610
27,93		31,20	32,09
25,71		30,00	36,00

16,36		25,71	25,71
22,50		25,71	22,50
36,00		45,00	25,71
25,71		15,00	22,50
18,00		36,00	30,00
30,00		36,00	45,00
22,50		36,00	25,71
15,00			18,00
25,71			20,00
25,71			25,71
30,00			45,00
30,00			36,00
			45,00
			36,00
			30,00
			30,00
			25,71
			36,00
			36,00
			45,00
			25,71
			30,00
			36,00
			36,00
			20,00
			20,00
			30,00
			25,71
323		249	885
24,86		31,18	30,52
30,00		45,00	36,00
45,00		45,00	45,00
22,50		36,00	25,71
30,00		25,71	20,00
16,36		45,00	36,00
36,00		30,00	25,71
30,00		45,00	45,00
25,71		36,00	22,50
36,00		30,00	36,00
12,00			30,00
25,71			20,00
16,36			36,00
36,00			30,00
36,00			36,00
			25,71
			25,71
			30,00
			30,00
			36,00
398		338	591
28,40		37,52	31,12
45,00		30,00	25,71

25,71		36,00	30,00
36,00		30,00	18,00
36,00		20,00	36,00
30,00		36,00	30,00
36,00		45,00	36,00
25,71		25,71	45,00
60,00		36,00	36,00
30,00		45,00	25,71
45,00		36,00	30,00
36,00		36,00	30,00
45,00			36,00
25,71			30,00
60,00			25,71
25,71			25,71
30,00			36,00
22,50			36,00
45,00			36,00
45,00			30,00
25,71			30,00
25,71			30,00
756		376	658
35,99		34,16	31,33
36,00		36,00	30,00
25,71		36,00	36,00
36,00		25,71	22,50
45,00		30,00	25,71
45,00		36,00	36,00
45,00		25,71	45,00
45,00		30,00	36,00
30,00		16,36	36,00
30,00		36,00	36,00
45,00		45,00	45,00
45,00		30,00	36,00
30,00			30,00
36,00			22,50
36,00			30,00
36,00			45,00
			45,00
			30,00
			30,00
			45,00
			25,71
			36,00
			45,00
			30,00
566		347	798
37,71		31,53	34,71
25,71		22,50	30,00
36,00		45,00	30,00
30,00		36,00	36,00
36,00		45,00	30,00
36,00		22,50	36,00

36,00		45,00	22,50
18,00		30,00	30,00
20,00		60,00	45,00
25,71		36,00	36,00
36,00		45,00	22,50
36,00		36,00	25,71
36,00		25,71	30,00
45,00		60,00	30,00
36,00			25,71
36,00			16,36
			30,00
			36,00
			30,00
			30,00
			45,00
			30,00
			36,00
			36,00
488		509	719
32,56		39,13	31,25
45,00		36,00	30,00
36,00		36,00	25,71
36,00		60,00	25,71
30,00		36,00	25,71
45,00		45,00	30,00
30,00		36,00	16,36
30,00		45,00	30,00
60,00		30,00	30,00
45,00		30,00	30,00
18,00		30,00	22,50
36,00		11,25	20,00
60,00			25,71
30,00			25,71
36,00			20,00
22,50			36,00
22,50			36,00
			36,00
			30,00
			30,00
			30,00
			30,00
			22,50
582		395	608
36,38		35,93	27,63
30,00		36,00	22,50
36,00		45,00	30,00
25,71		36,00	30,00
25,71		22,50	30,00
36,00		30,00	20,00
30,00		20,00	25,71
45,00		36,00	45,00
36,00		30,00	30,00

30,00		36,00	22,50
36,00		30,00	36,00
22,50		36,00	25,71
36,00		22,50	30,00
25,71			25,71
36,00			30,00
45,00			22,50
36,00			30,00
36,00			
568		380	456
33,39		31,67	28,48
45,00		36,00	30,00
36,00		36,00	36,00
36,00		30,00	22,50
36,00		36,00	30,00
30,00		30,00	36,00
45,00		25,71	30,00
36,00		30,00	30,00
60,00		36,00	22,50
45,00		45,00	20,00
30,00		25,71	10,00
36,00			18,00
45,00			25,71
36,00			30,00
22,50			25,71
30,00			
569		330	366
37,90		33,04	26,17
45,00		25,71	30,00
30,00		30,00	25,71
30,00		36,00	22,50
45,00		15,00	25,71
36,00		30,00	18,00
36,00		60,00	30,00
30,00		30,00	22,50
36,00		36,00	16,36
36,00		30,00	22,50
60,00		36,00	36,00
36,00		45,00	30,00
30,00			25,71
36,00			25,71
25,71			30,00
30,00			30,00
30,00			36,00
20,00			30,00
36,00			
628		374	457
34,87		33,97	26,87
36,00		36,00	30,00
20,00		6,67	22,50
25,71		30,00	22,50

25,71		30,00	25,71
45,00		36,00	45,00
45,00		36,00	30,00
45,00		25,71	25,71
30,00			45,00
30,00			20,00
36,00			25,71
60,00			30,00
30,00			36,00
30,00			16,36
36,00			36,00
30,00			30,00
30,00			30,00
12,86			36,00
22,50			36,00
			18,00
			18,00
			36,00
590		200	615
32,77		28,63	29,26
30,00		36,00	36,00
45,00		36,00	45,00
36,00		30,00	36,00
36,00		45,00	25,71
30,00		30,00	36,00
30,00		25,71	25,71
36,00		20,00	25,71
30,00		20,00	25,71
45,00		36,00	30,00
30,00		30,00	36,00
25,71		15,00	30,00
30,00			30,00
36,00			30,00
30,00			25,71
22,50			25,71
36,00			30,00
36,00			30,00
			25,71
			36,00
			30,00
			30,00
			22,50
564		324	668
33,19		29,43	30,34
25,71		45,00	18,00
30,00		30,00	36,00
18,00		45,00	30,00
25,71		45,00	36,00
30,00		30,00	45,00
45,00		36,00	25,71
36,00		36,00	45,00
30,00		25,71	36,00

30,00		22,50	36,00
30,00		30,00	45,00
30,00		22,50	30,00
			25,71
			30,00
			30,00
330		368	468
30,04		33,43	33,46
30,00		22,50	30,00
30,00		25,71	36,00
45,00		36,00	36,00
36,00		36,00	30,00
60,00		36,00	36,00
22,50		30,00	36,00
36,00		36,00	25,71
45,00		30,00	60,00
36,00		12,00	45,00
30,00		36,00	45,00
25,71		36,00	25,71
30,00		45,00	25,71
45,00			25,71
45,00			45,00
30,00			36,00
			36,00
546		381	574
36,41		31,77	35,87
36,00		30,00	36,00
15,00		45,00	36,00
36,00		36,00	25,71
22,50		30,00	30,00
45,00		45,00	30,00
22,50		13,85	36,00
36,00		25,71	20,00
30,00		30,00	22,50
45,00		45,00	16,36
45,00		30,00	18,00
36,00			36,00
25,71			45,00
36,00			36,00
45,00			30,00
22,50			30,00
45,00			36,00
			45,00
			36,00
543		331	565
33,95		33,06	31,37
36,00		45,00	45,00
36,00		36,00	36,00
25,71		60,00	30,00
30,00		22,50	36,00
45,00		45,00	45,00

45,00		36,00	30,00
45,00		45,00	45,00
60,00		25,71	25,71
36,00		60,00	22,50
45,00		45,00	30,00
36,00		36,00	36,00
36,00		36,00	60,00
36,00			30,00
45,00			45,00
45,00			30,00
			22,50
602		492	569
40,11		41,02	35,54
45,00		45,00	30,00
36,00		22,50	25,71
36,00		36,00	45,00
45,00		30,00	36,00
25,71		36,00	45,00
25,71		30,00	30,00
36,00		25,71	20,00
45,00		36,00	36,00
22,50		60,00	36,00
30,00		45,00	45,00
45,00		36,00	
25,71			
45,00			
36,00			
25,71			
36,00			
60,00			
22,50			
643		402	349
35,71		36,56	34,87
30,00		45,00	36,00
45,00		45,00	30,00
45,00		30,00	30,00
45,00		30,00	30,00
30,00		36,00	36,00
30,00		18,00	25,71
30,00		25,71	20,00
36,00		36,00	30,00
30,00		36,00	36,00
36,00		36,00	30,00
36,00		30,00	22,50
30,00			30,00
45,00			25,71
30,00			45,00
36,00			18,00
36,00			36,00
45,00			36,00
20,00			45,00
30,00			36,00

30,00			25,71
30,00			45,00
15,00			60,00
36,00			
776		368	729
33,74		33,43	33,12
36,00		45,00	36,00
30,00		60,00	45,00
36,00		45,00	36,00
30,00		36,00	30,00
36,00		45,00	45,00
60,00		36,00	45,00
45,00		36,00	36,00
36,00		36,00	25,71
22,50		22,50	45,00
36,00		22,50	30,00
25,71		25,71	36,00
25,71			45,00
36,00			45,00
36,00			30,00
60,00			36,00
30,00			36,00
45,00			36,00
18,00			45,00
45,00			30,00
30,00			30,00
22,50			30,00
45,00			45,00
786		410	818
35,75		37,25	37,17
30,00		22,50	30,00
25,71		45,00	36,00
36,00		45,00	36,00
25,71		36,00	36,00
22,50		36,00	25,71
36,00		36,00	45,00
45,00		45,00	45,00
60,00		36,00	45,00
60,00		30,00	36,00
45,00		25,71	30,00
36,00			45,00
60,00			30,00
60,00			25,71
36,00			45,00
36,00			30,00
45,00			30,00
36,00			45,00
22,50			
45,00			
45,00			
36,00			
30,00			

45,00			
20,00			
45,00			
30,00			
45,00			
20,00			
45,00			
1123		357	615
38,74		35,72	36,20

Hasil Perhitungan Kecepatan per 15 menit (Ada parkir)

Selasa, 29 Agustus 2006

Jarak : 100 m

No	Pukul	Waktu tempuh(detik)						Kecepatan(m/detik)						Kecepatan(km/			
		(1)						(2)=(100)/(1)						(3)=(2)x3,6			
		WS			SW			WS			SW			WS			
		HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV	LV	MC	HV
	06.00-06.15																
1			9	8		15	16		11,11	12,50		6,67	6,25		40,00	45,00	
2			10	11		20	17		10,00	9,09		5,00	5,88		36,00	32,73	
3			10	14		25	21		10,00	7,14		4,00	4,76		36,00	25,71	
4			11	12		27	20		9,09	8,33		3,70	5,00		32,73	30,00	
5			15	11		20	15		6,67	9,09		5,00	6,67		24,00	32,73	
6			6	8		19	22		16,67	12,50		5,26	4,55		60,00	45,00	
7			11	11		24	19		9,09	9,09		4,17	5,26		32,73	32,73	
8			15	10		18	18		6,67	10,00		5,56	5,56		24,00	36,00	
9			9	11		15	16		11,11	9,09		6,67	6,25		40,00	32,73	
10			11	12		16	19		9,09	8,33		6,25	5,26		32,73	30,00	
11			12	10		13	16		8,33	10,00		7,69	6,25		30,00	36,00	
12			11	9		20	19		9,09	11,11		5,00	5,26		32,73	40,00	
13			10	13		18	19		10,00	7,69		5,56	5,26		36,00	27,69	
14			10	9		20	20		10,00	11,11		5,00	5,00		36,00	40,00	
15			13	11		16	14		7,69	9,09		6,25	7,14		27,69	32,73	
16			13	10		28	17		7,69	10,00		3,57	5,88		27,69	36,00	
17			13	11		29	20		7,69	9,09		3,45	5,00		27,69	32,73	
18			10	11			16		10,00	9,09			6,25		36,00	32,73	
19			13	12			18		7,69	8,33			5,56		27,69	30,00	
20				10			20			10,00			5,00			36,00	
21				12			19			8,33			5,26			30,00	
22				11						9,09						32,73	
23				10						10,00						36,00	
24				11						9,09						32,73	
Jumlah															640	818	
Vt(km/jam)															33,67	34,08	
	06.15-06.30																
1			5	20		16	18		20,00	5,00		6,25	5,56		72,00	18,00	
2			11	20		32	17		9,09	5,00		3,13	5,88		32,73	18,00	
3			12	20		20	16		8,33	5,00		5,00	6,25		30,00	18,00	
4			14	18		19	15		7,14	5,56		5,26	6,67		25,71	20,00	
5			8	20		24	17		12,50	5,00		4,17	5,88		45,00	18,00	
6			13	18		12	23		7,69	5,56		8,33	4,35		27,69	20,00	
7			7	26		23	21		14,29	3,85		4,35	4,76		51,43	13,85	
8			12	26		25	16		8,33	3,85		4,00	6,25		30,00	13,85	
9			11	16		21	20		9,09	6,25		4,76	5,00		32,73	22,50	
10			13	23		24	19		7,69	4,35		4,17	5,26		27,69	15,65	
11			9	20		18	18		11,11	5,00		5,56	5,56		40,00	18,00	
12			8	20		13	21		12,50	5,00		7,69	4,76		45,00	18,00	
13			11	21		16	19		9,09	4,76		6,25	5,26		32,73	17,14	
14			15	24		23	22		6,67	4,17		4,35	4,55		24,00	15,00	
15			14	23		20	15		7,14	4,35		5,00	6,67		25,71	15,65	
16			11	21		16	13		9,09	4,76		6,25	7,69		32,73	17,14	
17			10	19		20	17		10,00	5,26		5,00	5,88		36,00	18,95	
18			15	25		23	15		6,67	4,00		4,35	6,67		24,00	14,40	
19			16	16		24	21		6,25	6,25		4,17	4,76		22,50	22,50	

20			17	26		23	22		5,88	3,85		4,35	4,55		21,18	13,85	
21			15	22		15	21		6,67	4,55		6,67	4,76		24,00	16,36	
22			10	21					10,00	4,76					36,00	17,14	
23			12	24					8,33	4,17					30,00	15,00	
	Jumlah														769	397	
	Vt(km/jam)														33,43	17,26	
	06.30-06.45																
1			18	15		36	19		5,56	6,67		2,78	5,26		20,00	24,00	
2			15	16		19	20		6,67	6,25		5,26	5,00		24,00	22,50	
3			12	15		15	22		8,33	6,67		6,67	4,55		30,00	24,00	
4			11	17		23	21		9,09	5,88		4,35	4,76		32,73	21,18	
5			15	19		27	21		6,67	5,26		3,70	4,76		24,00	18,95	
6			13	19		21	19		7,69	5,26		4,76	5,26		27,69	18,95	
7			8	15		19	21		12,50	6,67		5,26	4,76		45,00	24,00	
8			17	19		23	10		5,88	5,26		4,35	10,00		21,18	18,95	
9			18	22		20	18		5,56	4,55		5,00	5,56		20,00	16,36	
10			11	20		26	19		9,09	5,00		3,85	5,26		32,73	18,00	
11			14	19		13	12		7,14	5,26		7,69	8,33		25,71	18,95	
12			18	21		13	22		5,56	4,76		7,69	4,55		20,00	17,14	
13			11	19		18	19		9,09	5,26		5,56	5,26		32,73	18,95	
14			11	20		22	22		9,09	5,00		4,55	4,55		32,73	18,00	
15			14	20		24	18		7,14	5,00		4,17	5,56		25,71	18,00	
16			10	16		23			10,00	6,25		4,35			36,00	22,50	
17			9	19		20			11,11	5,26		5,00			40,00	18,95	
18			17	13		31			5,88	7,69		3,23			21,18	27,69	
19			21	16		26			4,76	6,25		3,85			17,14	22,50	
20			9	18		34			11,11	5,56		2,94			40,00	20,00	
21			12			30			8,33			3,33			30,00		
22			7			24			14,29			4,17			51,43		
23			39			11			2,56			9,09			9,23		
24						22						4,55					
25						28						3,57					
26						19						5,26					
27						27						3,70					
	Jumlah														659	410	
	Vt(km/jam)														28,66	20,48	
	06.45-07.00																
1			12	7		22	19		8,33	14,29		4,55	5,26		30,00	51,43	
2			9	16		24	16		8,33	6,25		4,17	6,25		30,00	22,50	
3			12	21		26	25		8,33	4,76		3,85	4,00		30,00	17,14	
4			11	17		27	21		7,69	5,88		3,70	4,76		27,69	21,18	
5			12	20		9	22		9,09	5,00		11,11	4,55		32,73	18,00	
6			12	19		31	23		8,33	5,26		3,23	4,35		30,00	18,95	
7			12	16		23	21		8,33	6,25		4,35	4,76		30,00	22,50	
8			11	16		27	20		9,09	6,25		3,70	5,00		32,73	22,50	
9			9	18		21	20		11,11	5,56		4,76	5,00		40,00	20,00	
10			11	16		23	24		9,09	6,25		4,35	4,17		32,73	22,50	
11			14	18		23	17		7,14	5,56		4,35	5,88		25,71	20,00	
12			17	20		23	21		5,88	5,00		4,35	4,76		21,18	18,00	
13			13	19		20	22		7,69	5,26		5,00	4,55		27,69	18,95	
14			11	20		22	26		9,09	5,00		4,55	3,85		32,73	18,00	
15			9	21		23	16		11,11	4,76		4,35	6,25		40,00	17,14	
16						21	23					4,76	4,35				
17						23	17					4,35	5,88				

18					21	21					4,76	4,76				
19					14	22					7,14	4,55				
20					26	20					3,85	5,00				
21					18	19					5,56	5,26				
22					20	21					5,00	4,76				
23					18	22					5,56	4,55				
24					23						4,35					
	Jumlah													463	329	
	Vt(km/jam)													30,88	21,92	
	07.00-07.15															
1			11	8		18	30		9,09	12,50		5,56	3,33		32,73	45,00
2			7	11		24	19		14,29	9,09		4,17	5,26		51,43	32,73
3			9	6		22	29		11,11	16,67		4,55	3,45		40,00	60,00
4			28	8		19	20		3,57	12,50		5,26	5,00		12,86	45,00
5			13	8		17	19		7,69	12,50		5,88	5,26		27,69	45,00
6			17	7		27	18		5,88	14,29		3,70	5,56		21,18	51,43
7			15	9		28	16		6,67	11,11		3,57	6,25		24,00	40,00
8			10	10		24	27		10,00	10,00		4,17	3,70		36,00	36,00
9			19	11		30	19		5,26	9,09		3,33	5,26		18,95	32,73
10			8	10		32	20		12,50	10,00		3,13	5,00		45,00	36,00
11			15	8		20	19		6,67	12,50		5,00	5,26		24,00	45,00
12			11	7		23	23		9,09	14,29		4,35	4,35		32,73	51,43
13			11			24	22		9,09			4,17	4,55		32,73	
14			15			19	21		6,67			5,26	4,76		24,00	
15			13			19	17		7,69			5,26	5,88		27,69	
16			11			27	18		9,09			3,70	5,56		32,73	
17			4			29	23		25,00			3,45	4,35		90,00	
18			13			30	17		7,69			3,33	5,88		27,69	
19			17			27	21		5,88			3,70	4,76		21,18	
20			12			27	22		8,33			3,70	4,55		30,00	
21			10			28	17		10,00			3,57	5,88		36,00	
22			10			28	22		10,00			3,57	4,55		36,00	
23			14			27	18		7,14			3,70	5,56		25,71	
24			13			26	16		7,69			3,85	6,25		27,69	
25			11			29	15		9,09			3,45	6,67		32,73	
26			13			29			7,69			3,45			27,69	
27			22			23			4,55			4,35			16,36	
28			21						4,76						17,14	
29			15						6,67						24,00	
	Jumlah													896	520	
	Vt(km/jam)													30,89	43,36	
	07.15-07.30															
1			15	15		21	20		6,67	6,67		4,76	5,00		24,00	24,00
2			12	19		21	19		8,33	5,26		4,76	5,26		30,00	18,95
3			12	10		18	21		8,33	10,00		5,56	4,76		30,00	36,00
4			9	13		22	22		11,11	7,69		4,55	4,55		40,00	27,69
5			7	6		17	21		14,29	16,67		5,88	4,76		51,43	60,00
6			9	9		19	23		11,11	11,11		5,26	4,35		40,00	40,00
7			10	8		17	25		10,00	12,50		5,88	4,00		36,00	45,00
8			20	12		19	23		5,00	8,33		5,26	4,35		18,00	30,00
9			8	15		18	20		12,50	6,67		5,56	5,00		45,00	24,00
10			5	5		22	21		20,00	20,00		4,55	4,76		72,00	72,00
11			10	13		21	19		10,00	7,69		4,76	5,26		36,00	27,69
12			12			11	18		8,33			9,09	5,56		30,00	

13			12			28	18		8,33			3,57	5,56		30,00		
14			9			20	24		11,11			5,00	4,17		40,00		
15			12			9	22		8,33			11,11	4,55		30,00		
16			12			11	25		8,33			9,09	4,00		30,00		
17			11			12	22		9,09			8,33	4,55		32,73		
18			9			20	19		11,11			5,00	5,26		40,00		
19			14			21	20		7,14			4,76	5,00		25,71		
20			21			23	19		4,76			4,35	5,26		17,14		
21			11			24	22		9,09			4,17	4,55		32,73		
22			13			21	18		7,69			4,76	5,56		27,69		
23			12			16	18		8,33			6,25	5,56		30,00		
24			11			15	21		9,09			6,67	4,76		32,73		
25			9			18	18		11,11			5,56	5,56		40,00		
26						21	20					4,76	5,00				
Jumlah															861	405	
Vt(km/jam)															34,45	36,85	
	07.30-07.45																
1			10	10		20	24		10,00	10,00		5,00	4,17		36,00	36,00	
2			12	9		20	24		8,33	11,11		5,00	4,17		30,00	40,00	
3			7	7		21	17		14,29	14,29		4,76	5,88		51,43	51,43	
4			11	10		16	19		9,09	10,00		6,25	5,26		32,73	36,00	
5			19	7		21	17		5,26	14,29		4,76	5,88		18,95	51,43	
6			19	11		27	21		5,26	9,09		3,70	4,76		18,95	32,73	
7			10	9		25	19		10,00	11,11		4,00	5,26		36,00	40,00	
8			10	13		22	17		10,00	7,69		4,55	5,88		36,00	27,69	
9			8	19		21	20		12,50	5,26		4,76	5,00		45,00	18,95	
10			9	12		23	19		11,11	8,33		4,35	5,26		40,00	30,00	
11			10	15		29	20		10,00	6,67		3,45	5,00		36,00	24,00	
12			15	13		29	22		6,67	7,69		3,45	4,55		24,00	27,69	
13			8	6		32	18		12,50	16,67		3,13	5,56		45,00	60,00	
14			9	4		36	18		11,11	25,00		2,78	5,56		40,00	90,00	
15			11	12		24	21		9,09	8,33		4,17	4,76		32,73	30,00	
16			6	19		18	21		16,67	5,26		5,56	4,76		60,00	18,95	
17			20	13		18	18		5,00	7,69		5,56	5,56		18,00	27,69	
18			11	6		16	18		9,09	16,67		6,25	5,56		32,73	60,00	
19			11	14		12	20		9,09	7,14		8,33	5,00		32,73	25,71	
20			8	14		10	22		12,50	7,14		10,00	4,55		45,00	25,71	
21			15			12			6,67			8,33			24,00		
22			9			16			11,11			6,25			40,00		
23			6						16,67						60,00		
Jumlah															835	754	
Vt(km/jam)															36,31	37,70	
	07.45-08.00																
1			10	18		16	16		10,00	5,56		6,25	6,25		36,00	20,00	
2			8	14		17	22		12,50	7,14		5,88	4,55		45,00	25,71	
3			13	17		17	19		7,69	5,88		5,88	5,26		27,69	21,18	
4			9	12		25	19		11,11	8,33		4,00	5,26		40,00	30,00	
5			10	14		22	16		10,00	7,14		4,55	6,25		36,00	25,71	
6			7	13		21	21		14,29	7,69		4,76	4,76		51,43	27,69	
7			13	7		27	16		7,69	14,29		3,70	6,25		27,69	51,43	
8			16	12		29	46		6,25	8,33		3,45	2,17		22,50	30,00	
9			15	23		29	22		6,67	4,35		3,45	4,55		24,00	15,65	
10			12	12		34	17		8,33	8,33		2,94	5,88		30,00	30,00	
11			13	15		36	18		7,69	6,67		2,78	5,56		27,69	24,00	

12			13	14		34	17		7,69	7,14		2,94	5,88		27,69	25,71	
13			13	16		29	19		7,69	6,25		3,45	5,26		27,69	22,50	
14			8	12		27	21		12,50	8,33		3,70	4,76		45,00	30,00	
15			9	15		24	24		11,11	6,67		4,17	4,17		40,00	24,00	
16			12	13		24	20		8,33	7,69		4,17	5,00		30,00	27,69	
17			19	17		30	22		5,26	5,88		3,33	4,55		18,95	21,18	
18			13	18		30	21		7,69	5,56		3,33	4,76		27,69	20,00	
19			11	18		32	18		9,09	5,56		3,13	5,56		32,73	20,00	
20			13	18		36	21		7,69	5,56		2,78	4,76		27,69	20,00	
21			7			22	19		14,29			4,55	5,26		51,43		
22			17			20			5,88			5,00			21,18		
23			5			20			20,00			5,00			72,00		
24			9			24			11,11			4,17			40,00		
25			12			28			8,33			3,57			30,00		
26			9			22			11,11			4,55			40,00		
27			9			24			11,11			4,17			40,00		
28			13			18			7,69			5,56			27,69		
29						16						6,25					
30						19						5,26					
									Jumlah						968	512	
									Vt(km/jam)						34,56	25,62	
	08.00-08.15																
1			13	10		30	19		7,69	10,00		3,33	5,26		27,69	36,00	
2			14	10		24	20		7,14	10,00		4,17	5,00		25,71	36,00	
3			15	14		26	44		6,67	7,14		3,85	2,27		24,00	25,71	
4			24	14		13	22		4,17	7,14		7,69	4,55		15,00	25,71	
5			15	11		17	21		6,67	9,09		5,88	4,76		24,00	32,73	
6			12	14		23	22		8,33	7,14		4,35	4,55		30,00	25,71	
7			18	13		16	19		5,56	7,69		6,25	5,26		20,00	27,69	
8			10	11		17	22		10,00	9,09		5,88	4,55		36,00	32,73	
9			4	8		14	18		25,00	12,50		7,14	5,56		90,00	45,00	
10			16	13		13	22		6,25	7,69		7,69	4,55		22,50	27,69	
11			9	13		27	24		11,11	7,69		3,70	4,17		40,00	27,69	
12			14	10		26	17		7,14	10,00		3,85	5,88		25,71	36,00	
13			11	12		33	21		9,09	8,33		3,03	4,76		32,73	30,00	
14			17	14		14	18		5,88	7,14		7,14	5,56		21,18	25,71	
15			13	8		12	21		7,69	12,50		8,33	4,76		27,69	45,00	
16				13		16				7,69		6,25				27,69	
17				17		18				5,88		5,56				21,18	
18				13		19				7,69		5,26				27,69	
19				6		25				16,67		4,00				60,00	
20				14		26				7,14		3,85				25,71	
21				4		17				25,00		5,88				90,00	
22						32						3,13					
23						25						4,00					
24						21						4,76					
25						18						5,56					
26						16						6,25					
27						21						4,76					
28						24						4,17					
29						28						3,57					
30						17						5,88					
									Jumlah						462	732	
									Vt(km/jam)						30,81	34,84	

	08.15-08.30																
1			17	10		19	19		5,88	10,00		5,26	5,26		21,18	36,00	
2			15	6		17	21		6,67	16,67		5,88	4,76		24,00	60,00	
3			13	16		17	20		7,69	6,25		5,88	5,00		27,69	22,50	
4			13	4		13	17		7,69	25,00		7,69	5,88		27,69	90,00	
5			13	13		21	19		7,69	7,69		4,76	5,26		27,69	27,69	
6			15	12		18	12		6,67	8,33		5,56	8,33		24,00	30,00	
7			5	10		21	8		20,00	10,00		4,76	12,50		72,00	36,00	
8			8	6		34	6		12,50	16,67		2,94	16,67		45,00	60,00	
9			10	10		21	6		10,00	10,00		4,76	16,67		36,00	36,00	
10			15	4		18	18		6,67	25,00		5,56	5,56		24,00	90,00	
11			15	5		20	18		6,67	20,00		5,00	5,56		24,00	72,00	
12			11	9		17	16		9,09	11,11		5,88	6,25		32,73	40,00	
13			12	11		19	26		8,33	9,09		5,26	3,85		30,00	32,73	
14			12	18		21	17		8,33	5,56		4,76	5,88		30,00	20,00	
15			14	15		20	18		7,14	6,67		5,00	5,56		25,71	24,00	
16			11	9		19	22		9,09	11,11		5,26	4,55		32,73	40,00	
17			14	16		19	19		7,14	6,25		5,26	5,26		25,71	22,50	
18			10	19		27	18		10,00	5,26		3,70	5,56		36,00	18,95	
19			15	12		21			6,67	8,33		4,76			24,00	30,00	
20			20	12		28			5,00	8,33		3,57			18,00	30,00	
21			8	8		19			12,50	12,50		5,26			45,00	45,00	
22			14			20			7,14			5,00			25,71		
23			8			25			12,50			4,00			45,00		
24			14			21			7,14			4,76			25,71		
25			13			17			7,69			5,88			27,69		
26			13			20			7,69			5,00			27,69		
27			15						6,67						24,00		
28			14						7,14						25,71		
29			12						8,33						30,00		
30			7						14,29						51,43		
31			17						5,88						21,18		
32			13						7,69						27,69		
33			11						9,09						32,73		
34			15						6,67						24,00		
35			10						10,00						36,00		
36			16						6,25						22,50		
37			8						12,50						45,00		
38			8						12,50						45,00		
39			9						11,11						40,00		
40			15						6,67						24,00		
	Jumlah														1254	863	
	Vt(km/jam)														31,35	41,11	
	08.30-08.45																
1			6	14		13	17		16,67	7,14		7,69	5,88		60,00	25,71	
2			26	15		22	14		3,85	6,67		4,55	7,14		13,85	24,00	
3			5	12		24	17		20,00	8,33		4,17	5,88		72,00	30,00	
4			8	27		18	19		12,50	3,70		5,56	5,26		45,00	13,33	
5			13	12		21	21		7,69	8,33		4,76	4,76		27,69	30,00	
6			14	13		20	21		7,14	7,69		5,00	4,76		25,71	27,69	
7			16	15		18	19		6,25	6,67		5,56	5,26		22,50	24,00	
8			8	13		27	16		12,50	7,69		3,70	6,25		45,00	27,69	
9			12	15		21	21		8,33	6,67		4,76	4,76		30,00	24,00	
10			19	9		26	20		5,26	11,11		3,85	5,00		18,95	40,00	

11			22	13		20	15		4,55	7,69		5,00	6,67		16,36	27,69	
12			10	12		30	15		10,00	8,33		3,33	6,67		36,00	30,00	
13			11	9		25	18		9,09	11,11		4,00	5,56		32,73	40,00	
14			6	6		25	20		16,67	16,67		4,00	5,00		60,00	60,00	
15			10	6		19	22		10,00	16,67		5,26	4,55		36,00	60,00	
16			13	7		20	18		7,69	14,29		5,00	5,56		27,69	51,43	
17			18	4		21	16		5,56	25,00		4,76	6,25		20,00	90,00	
18			22	10		34	18		4,55	10,00		2,94	5,56		16,36	36,00	
19			11	6		21	19		9,09	16,67		4,76	5,26		32,73	60,00	
20			8	14		19	21		12,50	7,14		5,26	4,76		45,00	25,71	
21			12			20	20		8,33			5,00	5,00		30,00		
22			17			21			5,88			4,76			21,18		
23			4			25			25,00			4,00			90,00		
24						26						3,85					
Jumlah															825	747	
Vt(km/jam)															35,86	37,36	
08.45-09.00																	
1			17	8		16	20		5,88	12,50		6,25	5,00		21,18	45,00	
2			15	11		18	21		6,67	9,09		5,56	4,76		24,00	32,73	
3			9	13		14	22		11,11	7,69		7,14	4,55		40,00	27,69	
4			7	11		24	17		14,29	9,09		4,17	5,88		51,43	32,73	
5			14	15		20	19		7,14	6,67		5,00	5,26		25,71	24,00	
6			12	10		21	18		8,33	10,00		4,76	5,56		30,00	36,00	
7			11	12		22	18		9,09	8,33		4,55	5,56		32,73	30,00	
8			16	16		25	19		6,25	6,25		4,00	5,26		22,50	22,50	
9			25	14		20	19		4,00	7,14		5,00	5,26		14,40	25,71	
10			17	9		30	18		5,88	11,11		3,33	5,56		21,18	40,00	
11			9	12		21	22		11,11	8,33		4,76	4,55		40,00	30,00	
12			11	9		21	22		9,09	11,11		4,76	4,55		32,73	40,00	
13			12	5		18	16		8,33	20,00		5,56	6,25		30,00	72,00	
14			11	21		19	17		9,09	4,76		5,26	5,88		32,73	17,14	
15			14	11		24	15		7,14	9,09		4,17	6,67		25,71	32,73	
16			8	12		23	15		12,50	8,33		4,35	6,67		45,00	30,00	
17			11	13		20	22		9,09	7,69		5,00	4,55		32,73	27,69	
18			9	13		25	33		11,11	7,69		4,00	3,03		40,00	27,69	
19			9	10		26	18		11,11	10,00		3,85	5,56		40,00	36,00	
20			10	8		12			10,00	12,50		8,33			36,00	45,00	
21			20	11		12			5,00	9,09		8,33			18,00	32,73	
22			7	13		15			14,29	7,69		6,67			51,43	27,69	
23			10						10,00						36,00		
Jumlah															743	735	
Vt(km/jam)															32,32	33,41	
09.00-09.15																	
1			16	10		17	15		6,25	10,00		5,88	6,67		22,50	36,00	
2			44	14		19	18		2,27	7,14		5,26	5,56		8,18	25,71	
3			12	14		17	16		8,33	7,14		5,88	6,25		30,00	25,71	
4			15	14		25	17		6,67	7,14		4,00	5,88		24,00	25,71	
5			11	12		27	17		9,09	8,33		3,70	5,88		32,73	30,00	
6			9	11		20	14		11,11	9,09		5,00	7,14		40,00	32,73	
7			12	4		22	19		8,33	25,00		4,55	5,26		30,00	90,00	
8			11	14		23	18		9,09	7,14		4,35	5,56		32,73	25,71	
9			12	10		26	18		8,33	10,00		3,85	5,56		30,00	36,00	
10			10	12		20	16		10,00	8,33		5,00	6,25		36,00	30,00	
11			10	11		17	19		10,00	9,09		5,88	5,26		36,00	32,73	

12			14	11		34	19		7,14	9,09		2,94	5,26		25,71	32,73	
13			11	13		14	17		9,09	7,69		7,14	5,88		32,73	27,69	
14			11	12		22	10		9,09	8,33		4,55	10,00		32,73	30,00	
15			23	12		25	15		4,35	8,33		4,00	6,67		15,65	30,00	
16			9	8		20	11		11,11	12,50		5,00	9,09		40,00	45,00	
17			8	18		21			12,50	5,56		4,76			45,00	20,00	
18			5	13		18			20,00	7,69		5,56			72,00	27,69	
19			9	13		17			11,11	7,69		5,88			40,00	27,69	
20			6	16		19			16,67	6,25		5,26			60,00	22,50	
21			12	21		29			8,33	4,76		3,45			30,00	17,14	
22			7	9		19			14,29	11,11		5,26			51,43	40,00	
23			12	16		17			8,33	6,25		5,88			30,00	22,50	
24			17			10			5,88			10,00			21,18		
25			16			13			6,25			7,69			22,50		
26			20			14			5,00			7,14			18,00		
27			15			21			6,67			4,76			24,00		
28			14						7,14						25,71		
	Jumlah														909	733	
	Vt(km/jam)														32,46	31,88	
	09.15-09.30																
1			12	12		27	19		8,33	8,33		3,70	5,26		30,00	30,00	
2			10	14		24	40		10,00	7,14		4,17	2,50		36,00	25,71	
3			4	10		21	16		25,00	10,00		4,76	6,25		90,00	36,00	
4			6	20		23	35		16,67	5,00		4,35	2,86		60,00	18,00	
5			16	17		33	25		6,25	5,88		3,03	4,00		22,50	21,18	
6			10	16		23	20		10,00	6,25		4,35	5,00		36,00	22,50	
7			8	15		20	21		12,50	6,67		5,00	4,76		45,00	24,00	
8			9	15		28	26		11,11	6,67		3,57	3,85		40,00	24,00	
9			10	13		30	24		10,00	7,69		3,33	4,17		36,00	27,69	
10			14	16		27	21		7,14	6,25		3,70	4,76		25,71	22,50	
11			12	13		28			8,33	7,69		3,57			30,00	27,69	
12			11	7		20			9,09	14,29		5,00			32,73	51,43	
13			9	11		23			11,11	9,09		4,35			40,00	32,73	
14			21	16		20			4,76	6,25		5,00			17,14	22,50	
15			14	20		21			7,14	5,00		4,76			25,71	18,00	
16			18	12		25			5,56	8,33		4,00			20,00	30,00	
17			10	13		27			10,00	7,69		3,70			36,00	27,69	
18			12	18		30			8,33	5,56		3,33			30,00	20,00	
19			14	17		28			7,14	5,88		3,57			25,71	21,18	
20			18	16		28			5,56	6,25		3,57			20,00	22,50	
21			9			26			11,11			3,85			40,00		
22			15			25			6,67			4,00			24,00		
23			6			24			16,67			4,17			60,00		
24			21			20			4,76			5,00			17,14		
25			12			39			8,33			2,56			30,00		
26			9			20			11,11			5,00			40,00		
27			12			23			8,33			4,35			30,00		
28			11			26			9,09			3,85			32,73		
29			9			29			11,11			3,45			40,00		
30						24						4,17					
31						22						4,55					
32						20						5,00					
33						21						4,76					
34						22						4,55					

35					23						4,35				
36					24						4,17				
37					26						3,85				
	Jumlah												1012	525	
	Vt(km/jam)												34,91	26,26	
	09.30-09.45														
1		10	13		21	27		10,00	7,69		4,76	3,70	36,00	27,69	
2		8	16		21	18		12,50	6,25		4,76	5,56	45,00	22,50	
3		10	11		15	32		10,00	9,09		6,67	3,13	36,00	32,73	
4		12	12		14	17		8,33	8,33		7,14	5,88	30,00	30,00	
5		7	16		22	24		14,29	6,25		4,55	4,17	51,43	22,50	
6		11	14		16	19		9,09	7,14		6,25	5,26	32,73	25,71	
7		12	12		21	19		8,33	8,33		4,76	5,26	30,00	30,00	
8		19	13		18	19		5,26	7,69		5,56	5,26	18,95	27,69	
9		15	9		22	20		6,67	11,11		4,55	5,00	24,00	40,00	
10		17	12		23	16		5,88	8,33		4,35	6,25	21,18	30,00	
11		14	10		17	17		7,14	10,00		5,88	5,88	25,71	36,00	
12		11	14		20			9,09	7,14		5,00		32,73	25,71	
13		28	12		26			3,57	8,33		3,85		12,86	30,00	
14		11	12		27			9,09	8,33		3,70		32,73	30,00	
15		20	14		20			5,00	7,14		5,00		18,00	25,71	
16		14	4		14			7,14	25,00		7,14		25,71	90,00	
17		8	13		21			12,50	7,69		4,76		45,00	27,69	
18		19	9		20			5,26	11,11		5,00		18,95	40,00	
19		24	10		21			4,17	10,00		4,76		15,00	36,00	
20		14	13		21			7,14	7,69		4,76		25,71	27,69	
21		10	10		23			10,00	10,00		4,35		36,00	36,00	
22		14			24			7,14			4,17		25,71		
23		13			23			7,69			4,35		27,69		
24		19			22			5,26			4,55		18,95		
25		18			13			5,56			7,69		20,00		
26					19						5,26				
27					23						4,35				
	Jumlah												706	694	
	Vt(km/jam)												28,24	33,03	
	09.45-10.00														
1		20	13		24	17		5,00	7,69		4,17	5,88	18,00	27,69	
2		22	11		22	15		4,55	9,09		4,55	6,67	16,36	32,73	
3		16	20		27	19		6,25	5,00		3,70	5,26	22,50	18,00	
4		17	17		31	17		5,88	5,88		3,23	5,88	21,18	21,18	
5		18	15		20	20		5,56	6,67		5,00	5,00	20,00	24,00	
6		18	14		13	18		5,56	7,14		7,69	5,56	20,00	25,71	
7		10	8		25	19		10,00	12,50		4,00	5,26	36,00	45,00	
8		19	15		21	20		5,26	6,67		4,76	5,00	18,95	24,00	
9		34	13		23	20		2,94	7,69		4,35	5,00	10,59	27,69	
10		25	20		24	18		4,00	5,00		4,17	5,56	14,40	18,00	
11		31	16		23	19		3,23	6,25		4,35	5,26	11,61	22,50	
12		28	19					3,57	5,26				12,86	18,95	
13		18	17					5,56	5,88				20,00	21,18	
14		21	18					4,76	5,56				17,14	20,00	
15		16	16					6,25	6,25				22,50	22,50	
16		28	19					3,57	5,26				12,86	18,95	
17		27	13					3,70	7,69				13,33	27,69	
18		23	15					4,35	6,67				15,65	24,00	

19			14	20					7,14	5,00					25,71	18,00	
20			19	11					5,26	9,09					18,95	32,73	
21				18						5,56						20,00	
	Jumlah														369	510	
	Vt(km/jam)														18,43	24,31	
	14.00-14.15																
1			46	4		19	26		2,17	25,00		5,26	3,85		7,83	90,00	
2			38	12		14	20		2,63	8,33		7,14	5,00		9,47	30,00	
3			18	14		8	22		5,56	7,14		12,50	4,55		20,00	25,71	
4			15	10		12	19		6,67	10,00		8,33	5,26		24,00	36,00	
5			27	14		8	21		3,70	7,14		12,50	4,76		13,33	25,71	
6			13	13		5	24		7,69	7,69		20,00	4,17		27,69	27,69	
7			16	9		7	17		6,25	11,11		14,29	5,88		22,50	40,00	
8			21	6		10	16		4,76	16,67		10,00	6,25		17,14	60,00	
9			13	11		7	20		7,69	9,09		14,29	5,00		27,69	32,73	
10			20	15		8			5,00	6,67		12,50			18,00	24,00	
11			16	12		10			6,25	8,33		10,00			22,50	30,00	
12			14	8		14			7,14	12,50		7,14			25,71	45,00	
13			22	12		5			4,55	8,33		20,00			16,36	30,00	
14			14	11		3			7,14	9,09		33,33			25,71	32,73	
15			21	9		14			4,76	11,11		7,14			17,14	40,00	
16			16	12		4			6,25	8,33		25,00			22,50	30,00	
17			11	11		5			9,09	9,09		20,00			32,73	32,73	
18			18	11		23			5,56	9,09		4,35			20,00	32,73	
19			16	12		16			6,25	8,33		6,25			22,50	30,00	
20			10	10		24			10,00	10,00		4,17			36,00	36,00	
21			19	13					5,26	7,69					18,95	27,69	
22			16	8					6,25	12,50					22,50	45,00	
23			16						6,25						22,50		
24			21						4,76						17,14		
25			13						7,69						27,69		
	Jumlah														538	804	
	Vt(km/jam)														21,50	36,53	
	14.15-14.30																
1			21	7		9	15		4,76	14,29		11,11	6,67		17,14	51,43	
2			14	14		10	19		7,14	7,14		10,00	5,26		25,71	25,71	
3			23	13		9	15		4,35	7,69		11,11	6,67		15,65	27,69	
4			15	11		7	18		6,67	9,09		14,29	5,56		24,00	32,73	
5			30	17		8	10		3,33	5,88		12,50	10,00		12,00	21,18	
6			23	10		6	15		4,35	10,00		16,67	6,67		15,65	36,00	
7			17	8		19	13		5,88	12,50		5,26	7,69		21,18	45,00	
8			19	15		23	20		5,26	6,67		4,35	5,00		18,95	24,00	
9			14	9		11	14		7,14	11,11		9,09	7,14		25,71	40,00	
10			19	14		17	13		5,26	7,14		5,88	7,69		18,95	25,71	
11			19	12		7	18		5,26	8,33		14,29	5,56		18,95	30,00	
12			18	12		7	19		5,56	8,33		14,29	5,26		20,00	30,00	
13			11	15		3			9,09	6,67		33,33			32,73	24,00	
14			19	11		6			5,26	9,09		16,67			18,95	32,73	
15			16	10		6			6,25	10,00		16,67			22,50	36,00	
16			21	12		4			4,76	8,33		25,00			17,14	30,00	
17			12	11		10			8,33	9,09		10,00			30,00	32,73	
18			22	10		22			4,55	10,00		4,55			16,36	36,00	
19			16	13		11			6,25	7,69		9,09			22,50	27,69	
20			20	11		13			5,00	9,09		7,69			18,00	32,73	

21			16	10		5			6,25	10,00		20,00			22,50	36,00	
22			22	14		6			4,55	7,14		16,67			16,36	25,71	
23			17	12		14			5,88	8,33		7,14			21,18	30,00	
24			20	12		11			5,00	8,33		9,09			18,00	30,00	
25			17			7			5,88			14,29			21,18		
26			12			8			8,33			12,50			30,00		
27						10						10,00					
28						11						9,09					
29						12						8,33					
30						8						12,50					
31						9						11,11					
32						5						20,00					
33						11						9,09					
34						8						12,50					
	Jumlah														541	763	
	Vt(km/jam)														20,82	31,79	
	14.30-14.45																
1			21	14		7	17		4,76	7,14		14,29	5,88		17,14	25,71	
2			15	13		7	15		6,67	7,69		14,29	6,67		24,00	27,69	
3			17	14		9	18		5,88	7,14		11,11	5,56		21,18	25,71	
4			21	12		3	14		4,76	8,33		33,33	7,14		17,14	30,00	
5			25	10		8	24		4,00	10,00		12,50	4,17		14,40	36,00	
6			13	12		11	18		7,69	8,33		9,09	5,56		27,69	30,00	
7			18	13		14	23		5,56	7,69		7,14	4,35		20,00	27,69	
8			11	11		7	8		9,09	9,09		14,29	12,50		32,73	32,73	
9			10	13		14	19		10,00	7,69		7,14	5,26		36,00	27,69	
10			36	14		15	22		2,78	7,14		6,67	4,55		10,00	25,71	
11			23	14		12	18		4,35	7,14		8,33	5,56		15,65	25,71	
12			19			4	17		5,26			25,00	5,88		18,95		
13			27			5	20		3,70			20,00	5,00		13,33		
14			18			7	20		5,56			14,29	5,00		20,00		
15			16			5			6,25			20,00			22,50		
16			19			3			5,26			33,33			18,95		
17			25			6			4,00			16,67			14,40		
18			20			7			5,00			14,29			18,00		
19						7						14,29					
20						5						20,00					
21						4						25,00					
22						5						20,00					
	Jumlah														362	315	
	Vt(km/jam)														20,11	28,61	
	14.45-15.00																
1			17	14		3	19		5,88	7,14		33,33	5,26		21,18	25,71	
2			21	12		7	18		4,76	8,33		14,29	5,56		17,14	30,00	
3			18	13		10	17		5,56	7,69		10,00	5,88		20,00	27,69	
4			12	10		23	18		8,33	10,00		4,35	5,56		30,00	36,00	
5			19	13		43	19		5,26	7,69		2,33	5,26		18,95	27,69	
6			22	12		5	21		4,55	8,33		20,00	4,76		16,36	30,00	
7			28	14		13	20		3,57	7,14		7,69	5,00		12,86	25,71	
8			30	12		7	19		3,33	8,33		14,29	5,26		12,00	30,00	
9			23	16		8	15		4,35	6,25		12,50	6,67		15,65	22,50	
10			22	6		5	18		4,55	16,67		20,00	5,56		16,36	60,00	
11			17			5	19		5,88			20,00	5,26		21,18		
12			25			4	17		4,00			25,00	5,88		14,40		

13			17			13	23		5,88			7,69	4,35		21,18		
14			19			26	22		5,26			3,85	4,55		18,95		
15						29	16					3,45	6,25				
16						6	18					16,67	5,56				
17						11	18					9,09	5,56				
18						7						14,29					
19						4						25,00					
20						4						25,00					
21						4						25,00					
22						14						7,14					
23						19						5,26					
24						19						5,26					
25						13						7,69					
26						15						6,67					
27						29						3,45					
28						20						5,00					
	Jumlah														256	315	
	Vt(km/jam)														18,30	31,53	
	15.00-15.15																
1			19	12		28	10		5,26	8,33		3,57	10,00		18,95	30,00	
2			23	13		5	18		4,35	7,69		20,00	5,56		15,65	27,69	
3			25	15		7	15		4,00	6,67		14,29	6,67		14,40	24,00	
4			27	14		12	17		3,70	7,14		8,33	5,88		13,33	25,71	
5			5	13		7	25		20,00	7,69		14,29	4,00		72,00	27,69	
6			6	12		8	20		16,67	8,33		12,50	5,00		60,00	30,00	
7			8	13		7	18		12,50	7,69		14,29	5,56		45,00	27,69	
8			8	11		6	23		12,50	9,09		16,67	4,35		45,00	32,73	
9			16	13		18	22		6,25	7,69		5,56	4,55		22,50	27,69	
10			19	12		10	15		5,26	8,33		10,00	6,67		18,95	30,00	
11			8	11		7	24		12,50	9,09		14,29	4,17		45,00	32,73	
12			11	11		15	17		9,09	9,09		6,67	5,88		32,73	32,73	
13			12			13	23		8,33			7,69	4,35		30,00		
14			13			16	24		7,69			6,25	4,17		27,69		
15			16			5	17		6,25			20,00	5,88		22,50		
16			14			10	24		7,14			10,00	4,17		25,71		
17						12	22					8,33	4,55				
18						7	18					14,29	5,56				
19						6	22					16,67	4,55				
20						14	13					7,14	7,69				
21						8	16					12,50	6,25				
22						2	20					50,00	5,00				
23						4						25,00					
24						10						10,00					
25						20						5,00					
26						24						4,17					
27						4						25,00					
28						5						20,00					
29						4						25,00					
	Jumlah														509	349	
	Vt(km/jam)														31,84	29,06	
	15.15-15.30																
1			4	11		4	16		25,00	9,09		25,00	6,25		90,00	32,73	
2			12	12		4	15		8,33	8,33		25,00	6,67		30,00	30,00	
3			10	11		5	16		10,00	9,09		20,00	6,25		36,00	32,73	

4			14	12		8	19		7,14	8,33		12,50	5,26		25,71	30,00	
5			6	14		10	22		16,67	7,14		10,00	4,55		60,00	25,71	
6			9	7		19	14		11,11	14,29		5,26	7,14		40,00	51,43	
7			6	12		9	18		16,67	8,33		11,11	5,56		60,00	30,00	
8			5	13		13	15		20,00	7,69		7,69	6,67		72,00	27,69	
9			8	16		17	21		12,50	6,25		5,88	4,76		45,00	22,50	
10			8	15		4			12,50	6,67		25,00			45,00	24,00	
11			8	13		6			12,50	7,69		16,67			45,00	27,69	
12			16			4			6,25			25,00			22,50		
13			9			5			11,11			20,00			40,00		
14			8			6			12,50			16,67			45,00		
15			8			15			12,50			6,67			45,00		
16			10			11			10,00			9,09			36,00		
17			10			11			10,00			9,09			36,00		
18			11			11			9,09			9,09			32,73		
19			8			4			12,50			25,00			45,00		
20			13			2			7,69			50,00			27,69		
21			11			11			9,09			9,09			32,73		
22			11						9,09						32,73		
			Jumlah												944	334	
			Vt(km/jam)												42,91	30,41	
	15.30-15.45																
1			10	13		12	15		10,00	7,69		8,33	6,67		36,00	27,69	
2			10	12		17	14		10,00	8,33		5,88	7,14		36,00	30,00	
3			17	14		13	14		5,88	7,14		7,69	7,14		21,18	25,71	
4			8	14		18	14		12,50	7,14		5,56	7,14		45,00	25,71	
5			11	13		13	17		9,09	7,69		7,69	5,88		32,73	27,69	
6			7	13		18	17		14,29	7,69		5,56	5,88		51,43	27,69	
7			13	10		12	17		7,69	10,00		8,33	5,88		27,69	36,00	
8			9	16		3	18		11,11	6,25		33,33	5,56		40,00	22,50	
9			6	12		3	18		16,67	8,33		33,33	5,56		60,00	30,00	
10			11	13		5	17		9,09	7,69		20,00	5,88		32,73	27,69	
11			10			8	13		10,00			12,50	7,69		36,00		
12						8	16					12,50	6,25				
13						25	15					4,00	6,67				
14						9	18					11,11	5,56				
15						6	18					16,67	5,56				
16						4	13					25,00	7,69				
17						20						5,00					
18						23						4,35					
19						20						5,00					
20						17						5,88					
21						2						50,00					
22						10						10,00					
23						5						20,00					
24						6						16,67					
25						8						12,50					
26						4						25,00					
			Jumlah												419	281	
			Vt(km/jam)												38,07	28,07	
	15.45-16.00																
1			7	19		4	16		14,29	5,26		25,00	6,25		51,43	18,95	
2			15	9		17	15		6,67	11,11		5,88	6,67		24,00	40,00	
3			12	20		6	17		8,33	5,00		16,67	5,88		30,00	18,00	

4			9	8		6	18		11,11	12,50		16,67	5,56		40,00	45,00	
5			11	13		18	19		9,09	7,69		5,56	5,26		32,73	27,69	
6			28	14		18	14		3,57	7,14		5,56	7,14		12,86	25,71	
7			9	19		4	17		11,11	5,26		25,00	5,88		40,00	18,95	
8			13	12		4	16		7,69	8,33		25,00	6,25		27,69	30,00	
9			10	18		6	15		10,00	5,56		16,67	6,67		36,00	20,00	
10			9	14		6	16		11,11	7,14		16,67	6,25		40,00	25,71	
11			10			14	18		10,00			7,14	5,56		36,00		
12			10			10	17		10,00			10,00	5,88		36,00		
13			9			7	14		11,11			14,29	7,14		40,00		
14							13						7,69				
15							17						5,88				
16							19						5,26				
17							17						5,88				
18							17						5,88				
19							19						5,26				
20							18						5,56				
21							14						7,14				
22							19						5,26				
	Jumlah														447	270	
	Vt(km/jam)														34,36	27,00	

Jarak : 100 m

No	Pukul	Waktu tempuh(detik)						Kecepatan		
		(1)						(2)=(1000000/1)		
		WS			SW			WS		
		HV	LV	MC	HV	LV	MC	HV	LV	MC
	06.00-06.15									
1			36	12		14	14		2,78	8,33
2			35	15		26	18		2,86	6,67
3			33	12		17	14		3,03	8,33
4			42	16		37	13		2,38	6,25
5			35	8		22	14		2,86	12,50
6			31	14		22	22		3,23	7,14
7			46	12		29	16		2,17	8,33
8			45	14		24	15		2,22	7,14
9			28	13		49	15		3,57	7,69
10			38			14	15		2,63	
11			24			18	16		4,17	
	06.15-06.30									
1			40	15		24	17		2,50	6,67
2			35	18		30	19		2,86	5,56
3			36	5		22	14		2,78	20,00
4			37	17		14	20		2,70	5,88
5			31	13		12	13		3,23	7,69
6			35	9		27	15		2,86	11,11
7			35	23		13	21		2,86	4,35
8			38	21		18	11		2,63	4,76
9			41	13		19	10		2,44	7,69
10			32	11		24	8		3,13	9,09
11			36			20	10		2,78	
12			40			22	11		2,50	
13			38			23	17		2,63	
14			72			29	8		1,39	
15			53			31	10		1,89	
16			62			37			1,61	
17			43			25			2,33	
18			36			13			2,78	
19			33			18			3,03	
20			36			17			2,78	
21			41			18			2,44	
22			44			29			2,27	
23			36			19			2,78	
24			36			18			2,78	
25			42			28			2,38	
26						20				
27						23				
28						21				
	06.30-06.45									
1			39	4		14	15		2,56	25,00

15,65	16,36
24,00	17,14
393	421
18,69	20,05
10,00	18,95
18,95	18,00
24,00	16,36
15,65	17,14
13,33	17,14
17,14	18,95
18,95	17,14
15,65	36,00
18,00	20,00
13,85	18,95
27,69	30,00
27,69	16,36
20,00	18,95
16,36	16,36
15,00	20,00
15,65	
18,00	
11,61	
13,85	
10,59	
12,00	
15,00	
32,73	
16,36	
12,86	
18,95	
13,33	
463	300
17,16	20,02
16,36	18,95
15,00	22,50
13,85	14,40
13,33	17,14
40,00	16,36
11,61	15,65
15,65	17,14
13,33	18,00
17,14	18,00
15,65	15,00
15,65	21,18
15,65	17,14
18,00	16,36
16,36	13,85
15,65	22,50
17,14	15,65
15,65	21,18

2			41	8		32	14		2,44	12,50
3			44	17		36	19		2,27	5,88
4			35	10		16	16		2,86	10,00
5			42	14		16	18		2,38	7,14
6			45	5		19	13		2,22	20,00
7			46	9		20	16		2,17	11,11
8			27	6		22	15		3,70	16,67
9			30	9		25	17		3,33	11,11
10			53	14		32	18		1,89	7,14
11			45	13		12	18		2,22	7,69
12			50			9	19		2,00	
13			49			17			2,04	
14			48			24			2,08	
15			72			26			1,39	
16			77			25			1,30	
17			70			17			1,43	
18			69			23			1,45	
19			63			20			1,59	
20			48			20			2,08	
21			49			19			2,04	
22			55			14			1,82	
23			56			12			1,79	
24			45			16			2,22	
25			51			17			1,96	
26			52			27			1,92	
27			53			19			1,89	
28			56			17			1,79	
29			56			14			1,79	
30			51			21			1,96	
31			54			24			1,85	
32			59			19			1,69	
33			52			31			1,92	
34			74			26			1,35	
35			52			26			1,92	
	06.45-07.00									
1			50	8	16	15	15		2,00	12,50
2			56	10	18	12	14		1,79	10,00
3			50	19		22	19		2,00	5,26
4			51	7		23	16		1,96	14,29
5			56	11		19	18		1,79	9,09
6			57	15		20	13		1,75	6,67
7			48	14		14	16		2,08	7,14
8			47	10		6	15		2,13	10,00
9			53	16		17	17		1,89	6,25
10			52			19	18		1,92	
11			61			19	18		1,64	
12			58			16	19		1,72	
13			49			33			2,04	
14			60			14			1,67	
15			55			13			1,82	
16			54			19			1,85	
17			50			17			2,00	

12,86	20,00
18,00	15,00
40,00	16,36
32,73	14,40
30,00	16,36
18,00	18,95
17,14	18,00
15,65	18,95
15,00	16,36
17,14	20,00
22,50	20,00
24,00	17,14
20,00	20,00
17,14	18,00
537	457
20,67	17,57
18,00	15,00
18,00	15,00
17,14	21,18
22,50	18,95
17,14	21,18
13,33	17,14
14,40	18,95
16,36	21,18
17,14	18,00
15,65	18,95
12,41	18,00
12,41	16,36
11,25	20,00
10,00	20,00
15,00	17,14
20,00	17,14
20,00	20,00
22,50	20,00
30,00	18,00
36,00	16,36
30,00	
22,50	
412	369
18,72	18,43
22,50	22,50
21,18	16,36
21,18	18,95
14,40	18,95
16,36	22,50
17,14	17,14
13,33	22,50
12,41	7,83
12,41	16,36
10,59	21,18
10,00	20,00

20			26			16			3,85	
21			26			15			3,85	
22			27			19			3,70	
23			27			12			3,70	
24						20				
25						24				
26						11				
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36						13				
37						12				
38						14				
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40						12				
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42						10				
43						11				
44						23				
45						39				
	07.15-07.30									
1			28	9		21	12		3,57	11,11
2			24	17		16	14		4,17	5,88
3			24	5		19	12		4,17	20,00
4			27	13		18	24		3,70	7,69
5			27	16		13	11		3,70	6,25
6			26	13		12	11		3,85	7,69
7			29	17		16	13		3,45	5,88
8			54	14		14	18		1,85	7,14
9			24	17		22	15		4,17	5,88
10			43	20		25	10		2,33	5,00
11			22	7		13	13		4,55	14,29
12			25	14		27	13		4,00	7,14
13			27			10	15		3,70	
14			31			13	16		3,23	
15			33			21	15		3,03	
16			25			13	15		4,00	
17			30			14	16		3,33	
18			26			10	18		3,85	
19			24			11	14		4,17	
20			25			13	14		4,00	
21			23			17			4,35	
22			23			13			4,35	
23			28			18			3,57	
24			28			16			3,57	
25			21			11			4,76	

10,59	21,18
12,41	18,95
13,33	17,14
15,00	15,00
15,00	18,00
12,00	16,36
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11,25	20,00
10,00	17,14
16,36	18,95
18,00	
18,00	
15,00	
12,86	
16,36	
15,00	
20,00	
22,50	
18,95	
456	384
15,20	18,29
12,00	18,95
15,00	18,00
13,85	8,18
27,69	16,36
21,18	17,14
15,65	16,36
22,50	18,95
21,18	16,36
25,71	20,00
27,69	16,36
13,33	15,00
13,85	21,18
10,91	17,14
25,71	20,00
30,00	17,14
22,50	
20,00	
18,95	
14,40	
13,85	
21,18	
11,25	
14,40	
17,14	
20,00	
22,50	
17,14	
15,00	
12,86	
21,18	
559	257
18,62	17,14

26			25			22			4,00	
27			26			11			3,85	
28			27			15			3,70	
29			25			12			4,00	
30			23			17			4,35	
31			23			16			4,35	
32			41			22			2,44	
33			35			21			2,86	
34						20				
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2			27	15		18	16		3,70	6,67
3			23	11		18	13		4,35	9,09
4			31	16		24	13		3,23	6,25
5			27	20		13	11		3,70	5,00
6			31	20		29	17		3,23	5,00
7			27	24		23	13		3,70	4,17
8			48	10		16	11		2,08	10,00
9			22	11		12	13		4,55	9,09
10			34	15		17	13		2,94	6,67
11			7	13		18	14		14,29	7,69
12			75			13	30		1,33	
13			65			16	13		1,54	
14			65			47	15		1,54	
15			61			50	12		1,64	
16			83			17	22		1,20	
17			61			17	11		1,64	
18			64			16			1,56	
19			65			19			1,54	
20			67			16			1,49	
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22			68			12			1,47	
23						13				
24						15				
25						19				
26						12				
27						18				
28						19				
29						15				
30						24				
31						30				
32						32				
	07.45-08.00									
1			71	10		23	16		1,41	10,00
2			65	20		18	20		1,54	5,00
3			62	17		23	12		1,61	5,88
4			95	15		14	13		1,05	6,67
5			73	11		21	14		1,37	9,09
6			61	13		28	22		1,64	7,69
7			61	11		23	18		1,64	9,09

10,59	18,95
25,71	21,18
16,36	36,00
14,40	24,00
18,00	32,73
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20,00	
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12,41	
18,95	
21,18	
36,00	
27,69	
25,71	
17,14	
513	368
19,02	22,99
13,33	18,95
15,00	9,00
17,14	22,50
15,65	10,29
10,91	14,40
15,65	18,00
18,00	17,14
12,86	13,85
12,00	15,00
13,33	17,14
12,86	
18,00	
15,65	
18,00	
17,14	
14,40	
13,33	
12,00	
12,86	
12,86	
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15,00	
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9,23	
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15,65	
13,85	
12,41	
15,00	
16,36	
18,00	
17,14	
16,36	

21			70			15			1,43	
22			69			21			1,45	
23			67			26			1,49	
24			54			23			1,85	
25			58			24			1,72	
26			66			25			1,52	
27			81			39			1,23	
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34			70			28			1,43	
35			64			28			1,56	
36			58			20			1,72	
	08.30-08.45									
1			61	16		26	12		1,64	6,25
2			61	17		25	15		1,64	5,88
3			64	15		25	12		1,56	6,67
4			68	11		20	20		1,47	9,09
5			84	13		17	12		1,19	7,69
6			70	13		24	13		1,43	7,69
7			60	16		26	21		1,67	6,25
8			60	10		28	14		1,67	10,00
9			54	11		16	14		1,85	9,09
10			64	11		21	15		1,56	9,09
11			63	15		23	10		1,59	6,67
12			63	16		80	24		1,59	6,25
13			63	15		82	11		1,59	6,67
14			79			93			1,27	
15			104			76			0,96	
16			8			77			12,50	
17			6			77			16,67	
18			4			77			25,00	
19			7			89			14,29	
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24			4			16			25,00	
25			7			23			14,29	
26			3			17			33,33	
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28			8			36			12,50	
29			6			26			16,67	
30			5			25			20,00	
31						19				
32						17				
33						21				
34						23				
35						21				

15,65	
15,00	
13,85	
549	156
14,83	15,63
17,14	13,33
17,14	20,00
24,00	11,25
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20,00	18,95
16,36	18,00
15,65	22,50
21,18	21,18
18,00	
13,85	
13,33	
18,00	
25,71	
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15,65	
15,00	
15,65	
16,36	
27,69	
18,95	
15,65	
496	199
18,39	18,12
15,00	21,18
16,36	24,00
13,33	18,95
11,61	21,18
18,00	18,00
27,69	20,00
14,40	18,95
17,14	18,00
15,65	18,00
15,00	20,00
15,65	18,95

36					23				
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38					28				
39					34				
40					20				
41					15				
42					23				
	08.45-09.00								
1		8	13	34	22	12		12,50	7,69
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5		3	14		26	13		33,33	7,14
6		6	15		19	12		16,67	6,67
7		6	15		7	12		16,67	6,67
8		8	13		23	58		12,50	7,69
9		11	14		27	11		9,09	7,14
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14		7			23			14,29	
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16		12			20			8,33	
17		3			17			33,33	
18		10			20			10,00	
19		6			17			16,67	
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21		5			13			20,00	
22		17			26			5,88	
23		6			26			16,67	
24		8			24			12,50	
25		20			15			5,00	
26		10			23			10,00	
27		6			21			16,67	
28		5			25			20,00	
29		8			18			12,50	
30		45			23			2,22	
31		3			25			33,33	
32		4			16			25,00	
33		7			22			14,29	
34		8			32			12,50	
35		12			32			8,33	
36					22				
37					21				
38					55				
39					21				
40					17				
41					26				
42					28				
43					21				
44					17				

180	217
16,35	19,75
18,95	13,85
25,71	18,00
45,00	16,36
30,00	18,95
45,00	17,14
72,00	15,00
51,43	21,18
36,00	22,50
51,43	18,00
45,00	
36,00	
25,71	
72,00	
120,00	
25,71	
90,00	
72,00	
15,65	
22,50	
15,00	
915	161
45,75	17,89
40,00	24,00
36,00	18,95
40,00	24,00
51,43	20,00
45,00	36,00
60,00	24,00
18,95	27,69
15,65	18,00
32,73	25,71
21,18	27,69
51,43	20,00
51,43	18,95
120,00	
60,00	
60,00	
90,00	
36,00	
16,36	
32,73	
27,69	

45						15				
46						13				
	09.00-09.15									
1			4	13		26	12		25,00	7,69
2			6	17		17	12		16,67	5,88
3			11	20		19	14		9,09	5,00
4			5	11		23	21		20,00	9,09
5			7	14		22	13		14,29	7,14
6			11	14		21	21		9,09	7,14
7			2	11		48	13		50,00	9,09
8			5	12		17	13		20,00	8,33
9			22	9		60	12		4,55	11,11
10			33	11		20			3,03	9,09
11			36	16		42			2,78	6,25
12			39	12		24			2,56	8,33
13			9			27			11,11	
14			10			24			10,00	
15			5			24			20,00	
16			7			27			14,29	
17			12			31			8,33	
18			11			24			9,09	
19			10			31			10,00	
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24			48			22			2,08	
25			52			17			1,92	
26			54			22			1,85	
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29			60			19			1,67	
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33			97			19			1,03	
34			71			21			1,41	
35			32			24			3,13	
36						22				
37						28				
38						17				
39						11				
	09.15-09.30									
1			54	12		20	13		1,85	8,33
2			67	7		30	27		1,49	14,29
3			61	8		30	11		1,64	12,50
4			61	8		20	15		1,64	12,50
5			54	12		26	16		1,85	8,33
6			56	9		16	12		1,79	11,11
7			57	13		29	17		1,75	7,69

72,00	
60,00	
25,71	
32,73	
51,43	
45,00	
36,00	
32,73	
30,00	
45,00	
40,00	
72,00	
32,73	
45,00	
1527	285
44,91	23,75
51,43	21,18
51,43	24,00
40,00	20,00
120,00	25,71
45,00	15,00
32,73	20,00
25,71	15,65
51,43	45,00
25,71	18,95
24,00	16,36
30,00	20,00
90,00	21,18
72,00	18,00
51,43	18,00
72,00	
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72,00	
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72,00	
1300	299
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120,00	18,95
51,43	20,00
36,00	21,18
15,65	20,00
8,37	18,95
72,00	17,14
27,69	18,00
51,43	18,95
45,00	24,00
72,00	20,00
72,00	18,95
90,00	21,18

8			60	12		22	11		1,67	8,33
9			47	11		22	12		2,13	9,09
10			50	13		24	16		2,00	7,69
11			55			19	13		1,82	
12			53			18	16		1,89	
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16			51			18			1,96	
17			55			20			1,82	
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21			72			25			1,39	
22			59			13			1,69	
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25			55			20			1,82	
26			67			25			1,49	
27			54			26			1,85	
28			54			29			1,85	
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30			53			20			1,89	
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39			60			18			1,67	
40			56			26			1,79	
41			50			25			2,00	
42			55			18			1,82	
43			49			44			2,04	
44			49			28			2,04	
45			50						2,00	
46			55						1,82	
47			58						1,72	
	09.30-09.45									
1			50	9		18	19		2,00	11,11
2			50	13		19	12		2,00	11,11
3			46	12		14	13		2,17	6,67
4			51	12		23	11		1,96	10,00
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6			55	14		29	14		1,82	7,14
7			53	15		33	13		1,89	6,67
8			52	10		31	12		1,92	10,00
9			51	22		35	15		1,96	4,55
10			50	13		33	19		2,00	7,69
11			57	11		16	13		1,75	9,09

45,00	18,95
36,00	16,36
18,95	25,71
40,00	20,00
27,69	24,00
21,18	17,14
90,00	
60,00	
90,00	
72,00	
60,00	
24,00	
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32,73	
32,73	
90,00	
180,00	
32,73	
1238	191
58,94	21,24
30,00	24,00
21,18	25,71
27,69	25,71
20,00	25,71
27,69	21,18
20,00	21,18
30,00	21,18
120,00	20,00
120,00	20,00
72,00	21,18
45,00	27,69
45,00	22,50
14,40	24,00
40,00	20,00
60,00	20,00
90,00	27,69
18,00	
15,65	
18,00	
21,18	
180,00	
36,00	
72,00	
60,00	
45,00	
90,00	
1339	368
51,49	22,98
90,00	22,50
21,18	24,00
60,00	21,18

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21			51			40			1,96	
22			65			22			1,54	
23			46			111			2,17	
24			50			17			2,00	
25			54			21			1,85	
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32			51						1,96	
33			52						1,92	
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38			59						1,69	
39			55						1,82	
40			55						1,82	
41			51						1,96	
42			54						1,85	
43			55						1,82	
44			53						1,89	
45			47						2,13	
	14.00-14.15									
1			14	11		24	19		7,14	9,09
2			19	6		14	17		5,26	16,67
3			15	10		14	33		6,67	10,00
4			19	17		6	20		5,26	5,88
5			26	11		6	29		3,85	9,09
6			28	14		7	15		3,57	7,14
7			34	12		11	33		2,94	8,33
8			26	13		16	34		3,85	7,69
9			33	21		20	16		3,03	4,76
10			10	20		15	14		10,00	5,00
11			15			17	16		6,67	
12			13			18			7,69	
13			15			18			6,67	
14			9			9			11,11	
15			16			6			6,25	
16			10			16			10,00	
17						15				
18						13				
19						16				
20						13				
21						14				
22						8				
23						20				
24						13				
25						12				

60,00	20,00
20,00	18,95
20,00	25,71
90,00	21,18
90,00	22,50
60,00	24,00
60,00	22,50
25,71	20,00
36,00	21,18
51,43	25,71
	27,69
	21,18
	18,95
	21,18
	21,18
	18,95
	20,00
	25,71
	18,95
684	483
52,64	21,96

26					14				
27					13				
28					14				
29					13				
30					22				
31					23				
32					15				
33					15				
34					15				
35					14				
36					19				
	14.15-14.30								
1		10	14		17	24		10,00	7,14
2		6	8		20	19		16,67	12,50
3		7	11		22	21		14,29	9,09
4		10	13		22	16		10,00	7,69
5		9	12		33	23		11,11	8,33
6		10	15		13	21		10,00	7,69
7		11	13		22	31		9,09	16,67
8		11	12		19	38		9,09	9,09
9		10	18		15	26		10,00	5,56
10		16	16		13	19		6,25	6,25
11		15	14		12			6,67	7,14
12		16			12			6,25	
13		14			14			7,14	
14		13			12			7,69	
15		13			16			7,69	
16		16			14			6,25	
17		19			15			5,26	
18		12			6			8,33	
19		10			6			10,00	
20		9			7			11,11	
21		16			20			6,25	
22		14			13			7,14	
23		18			12			5,56	
24		23			11			4,35	
25		11			24			9,09	
26		15			17			6,67	
27		16			17			6,25	
28		11			18			9,09	
29		10			5			10,00	
30		12			13			8,33	
31		4			12			25,00	
32					18				
33					14				
34					15				
35					15				
36					41				
37					29				
38					27				
39					11				
40					16				

41					22				
42					22				
43					11				
44					16				
45					6				
46					10				
47					14				
48					12				
49					16				
50					10				
51					12				
52					6				

	14.30-14.45								
1		16	13		10	36		6,25	7,69
2		28	6		10	32		3,57	16,67
3		28	11		22	33		3,57	9,09
4		29	13		16	30		3,45	7,69
5		30	11		12	32		3,33	9,09
6		28	10		13	30		3,57	10,00
7		27	11		15	28		3,70	9,09
8		25	15		18	33		4,00	6,67
9		32	9		17	26		3,13	11,11
10		27	12		15	28		3,70	8,33
11		29			15	31		3,45	
12		28			14	29		3,57	
13		28			12	33		3,57	
14		22			39			4,55	
15		27			31			3,70	
16		29			16			3,45	
17		30			12			3,33	
18		31			17			3,23	
19		34			9			2,94	
20		27			12			3,70	
21		28			14			3,57	
22		26			13			3,85	
23					16				
24					16				
25					12				
26					14				
27					15				
28					8				
29					5				
30					9				
31					13				
32					12				
33					12				
34					11				
35					6				
36					43				
37					48				
38					28				
39					11				

	14.45-15.00									
1			30	9		12	29		3,33	11,11
2			31	11		13	30		3,23	9,09
3			33	9		23	27		3,03	11,11
4			29	14		17	31		3,45	7,14
5			30	15		20	44		3,33	6,67
6			32	7		11	45		3,13	14,29
7			30	14		12	31		3,33	7,14
8			31	10		19	29		3,23	10,00
9			33	16		11	24		3,03	6,25
10			32	26		8	28		3,13	3,85
11			34	24		16	31		2,94	4,17
12			31			16			3,23	
13			31			8			3,23	
14			28			11			3,57	
15			30			14			3,33	
16			32			15			3,13	
17			31			10			3,23	
18			29			17			3,45	
19			33			50			3,03	
20			32			47			3,13	
21			32			17			3,13	
22			34			10			2,94	
23			31			11			3,23	
24			27			26			3,70	
25			28			17			3,57	
26						17				
	15.00-15.15									
1			27	8		18	25		3,70	12,50
2			20	12		8	28		5,00	8,33
3			16	12		17	14		6,25	8,33
4			14	12		15	23		7,14	8,33
5			17	12		16	28		5,88	8,33
6			12	12		21	35		8,33	8,33
7			10	12		16	37		10,00	8,33
8			20	10		19	28		5,00	10,00
9			13	12		17	32		7,69	8,33
10			10	17		10	30		10,00	5,88
11			3			6	28		33,33	
12			11			16	33		9,09	
13			15			9	32		6,67	
14			12			12	31		8,33	
15						14				
16						16				
17						12				
18						18				
19						15				
20						25				
21						13				
22						13				

23					11				
24					14				
25					19				
26					22				
27					16				
28					20				
29					19				
30					18				
31					17				
32					19				
33					12				
34					16				
35					15				
36					18				
37					13				
38					14				
39					14				

	15.15-15.30								
1		9	14		7	27		11,11	7,14
2		12	18		11	31		8,33	5,56
3		14	18		50	34		7,14	5,56
4		6	16		19	31		16,67	6,25
5		15	32		22	42		6,67	3,13
6		33	17		14	40		3,03	5,88
7		32	17		19	26		3,13	5,88
8		28	19		19	29		3,57	5,26
9		32	8		18	28		3,13	12,50
10		35	12		18	41		2,86	8,33
11		8	17		14	29		12,50	5,88
12		17	22		23	28		5,88	4,55
13		35			12			2,86	
14		26			11			3,85	
15		32			13			3,13	
16		30			13			3,33	
17		30			14			3,33	
18					18				
19					20				
20					10				
21					13				
22					13				
23					12				
24					16				
25					11				
26					15				

	15.30-15.45								
1		31	10		10	22		3,23	10,00
2		34	16		13	29		2,94	6,25
3		34	21		12	24		2,94	4,76
4		31	11		11	28		3,23	9,09
5		33	25		15	17		3,03	4,00

6			33	6		12	32		3,03	16,67
7			26	3		19	38		3,85	33,33
8			36	13		21	32		2,78	7,69
9			28	14		15			3,57	7,14
10			31	17		18			3,23	5,88
11			30	23		11			3,33	4,35
12			34			10			2,94	
13			31			11			3,23	
14			44			12			2,27	
15						11				
16						19				
17						13				
18						10				
19						23				
20						16				
21						21				
22						6				
23						14				
24						4				
25						11				
26						16				
27						10				
28						17				
29						16				
30						14				
31						18				
32						23				
33						29				

	15.45-16.00									
1			39	9		17	36		2,56	11,11
2			34	14		20	31		2,94	7,14
3			34	15		17	33		2,94	6,67
4			29	28		17	29		3,45	3,57
5			29	14		16	31		3,45	7,14
6			34	16		18	28		2,94	6,25
7			28	14		22	35		3,57	7,14
8			32	15		15	37		3,13	6,67
9			38	11		14	32		2,63	9,09
10			28			13			3,57	
11			34			36			2,94	
12			30			21			3,33	
13			26			28			3,85	
14			9			21			11,11	
15			30			13			3,33	
16						15				
17						16				
18						17				
19						15				
20						20				
21						15				
22						17				
23						17				

24						19				
25						15				
26						13				
27						13				
28						12				
29						18				
30						13				
31						22				
32						9				
33						19				
34						17				
35						20				
36						21				
37						23				
38						15				
39						17				
40						15				
41						17				
42						16				
43						14				
44						14				
45						11				
46						11				
47						21				

(m/detik)			Kecepatan(km/jam)					
0)/(1)			(3)=(2)x3,6					
SW			WS			SW		
HV	LV	MC	HV	LV	MC	HV	LV	MC
	7,14	7,14		10,00	30,00		25,71	25,71
	3,85	5,56		10,29	24,00		13,85	20,00
	5,88	7,14		10,91	30,00		21,18	25,71
	2,70	7,69		8,57	22,50		9,73	27,69
	4,55	7,14		10,29	45,00		16,36	25,71
	4,55	4,55		11,61	25,71		16,36	16,36
	3,45	6,25		7,83	30,00		12,41	22,50
	4,17	6,67		8,00	25,71		15,00	24,00
	2,04	6,67		12,86	27,69		7,35	24,00
	7,14	6,67		9,47			25,71	24,00
	5,56	6,25		15,00			20,00	22,50
Jumlah				115	261		184	258
Vt(km/jam)				10,44	28,96		16,70	23,47
	4,17	5,88		9,00	24,00		15,00	21,18
	3,33	5,26		10,29	20,00		12,00	18,95
	4,55	7,14		10,00	72,00		16,36	25,71
	7,14	5,00		9,73	21,18		25,71	18,00
	8,33	7,69		11,61	27,69		30,00	27,69
	3,70	6,67		10,29	40,00		13,33	24,00
	7,69	4,76		10,29	15,65		27,69	17,14
	5,56	9,09		9,47	17,14		20,00	32,73
	5,26	10,00		8,78	27,69		18,95	36,00
	4,17	12,50		11,25	32,73		15,00	45,00
	5,00	10,00		10,00			18,00	36,00
	4,55	9,09		9,00			16,36	32,73
	4,35	5,88		9,47			15,65	21,18
	3,45	12,50		5,00			12,41	45,00
	3,23	10,00		6,79			11,61	36,00
	2,70			5,81			9,73	
	4,00			8,37			14,40	
	7,69			10,00			27,69	
	5,56			10,91			20,00	
	5,88			10,00			21,18	
	5,56			8,78			20,00	
	3,45			8,18			12,41	
	5,26			10,00			18,95	
	5,56			10,00			20,00	
	3,57			8,57			12,86	
	5,00						18,00	
	4,35						15,65	
	4,76						17,14	
Jumlah				232	298		496	437
Vt(km/jam)				9,26	29,81		17,72	29,15
	7,14	6,67		9,23	90,00		25,71	24,00

	3,13	7,14		8,78	45,00		11,25	25,71
	2,78	5,26		8,18	21,18		10,00	18,95
	6,25	6,25		10,29	36,00		22,50	22,50
	6,25	5,56		8,57	25,71		22,50	20,00
	5,26	7,69		8,00	72,00		18,95	27,69
	5,00	6,25		7,83	40,00		18,00	22,50
	4,55	6,67		13,33	60,00		16,36	24,00
	4,00	5,88		12,00	40,00		14,40	21,18
	3,13	5,56		6,79	25,71		11,25	20,00
	8,33	5,56		8,00	27,69		30,00	20,00
	11,11	5,26		7,20			40,00	18,95
	5,88			7,35			21,18	
	4,17			7,50			15,00	
	3,85			5,00			13,85	
	4,00			4,68			14,40	
	5,88			5,14			21,18	
	4,35			5,22			15,65	
	5,00			5,71			18,00	
	5,00			7,50			18,00	
	5,26			7,35			18,95	
	7,14			6,55			25,71	
	8,33			6,43			30,00	
	6,25			8,00			22,50	
	5,88			7,06			21,18	
	3,70			6,92			13,33	
	5,26			6,79			18,95	
	5,88			6,43			21,18	
	7,14			6,43			25,71	
	4,76			7,06			17,14	
	4,17			6,67			15,00	
	5,26			6,10			18,95	
	3,23			6,92			11,61	
	3,85			4,86			13,85	
	3,85			6,92			13,85	
Jumlah				257	483		666	265
Vt(km/jam)				7,34	43,94		19,03	22,12
6,25	6,67	6,67		7,20	45,00	22,50	24,00	24,00
5,56	8,33	7,14		6,43	36,00	20,00	30,00	25,71
	4,55	5,26		7,20	18,95		16,36	18,95
	4,35	6,25		7,06	51,43		15,65	22,50
	5,26	5,56		6,43	32,73		18,95	20,00
	5,00	7,69		6,32	24,00		18,00	27,69
	7,14	6,25		7,50	25,71		25,71	22,50
	16,67	6,67		7,66	36,00		60,00	24,00
	5,88	5,88		6,79	22,50		21,18	21,18
	5,26	5,56		6,92			18,95	20,00
	5,26	5,56		5,90			18,95	20,00
	6,25	5,26		6,21			22,50	18,95
	3,03			7,35			10,91	
	7,14			6,00			25,71	
	7,69			6,55			27,69	
	5,26			6,67			18,95	
	5,88			7,20			21,18	

	6,25			13,85			22,50	
	6,67			13,85			24,00	
	5,26			13,33			18,95	
	8,33			13,33			30,00	
	5,00						18,00	
	4,17						15,00	
	9,09						32,73	
	8,33						30,00	
	5,88						21,18	
	6,25						22,50	
	6,67						24,00	
	5,26						18,95	
	5,88						21,18	
	4,76						17,14	
	5,00						18,00	
	4,35						15,65	
	7,69						27,69	
	8,33						30,00	
	7,14						25,71	
	5,00						18,00	
	8,33						30,00	
	8,33						30,00	
	10,00						36,00	
	9,09						32,73	
	4,35						15,65	
	2,56						9,23	
Jumlah				224	350		997	387
Vt(km/jam)				9,72	34,95		22,15	25,80
	4,76	8,33		12,86	40,00		17,14	30,00
	6,25	7,14		15,00	21,18		22,50	25,71
	5,26	8,33		15,00	72,00		18,95	30,00
	5,56	4,17		13,33	27,69		20,00	15,00
	7,69	9,09		13,33	22,50		27,69	32,73
	8,33	9,09		13,85	27,69		30,00	32,73
	6,25	7,69		12,41	21,18		22,50	27,69
	7,14	5,56		6,67	25,71		25,71	20,00
	4,55	6,67		15,00	21,18		16,36	24,00
	4,00	10,00		8,37	18,00		14,40	36,00
	7,69	7,69		16,36	51,43		27,69	27,69
	3,70	7,69		14,40	25,71		13,33	27,69
	10,00	6,67		13,33			36,00	24,00
	7,69	6,25		11,61			27,69	22,50
	4,76	6,67		10,91			17,14	24,00
	7,69	6,67		14,40			27,69	24,00
	7,14	6,25		12,00			25,71	22,50
	10,00	5,56		13,85			36,00	20,00
	9,09	7,14		15,00			32,73	25,71
	7,69	7,14		14,40			27,69	25,71
	5,88			15,65			21,18	
	7,69			15,65			27,69	
	5,56			12,86			20,00	
	6,25			12,86			22,50	
	9,09			17,14			32,73	

	4,55			14,40			16,36	
	9,09			13,85			32,73	
	6,67			13,33			24,00	
	8,33			14,40			30,00	
	5,88			15,65			21,18	
	6,25			15,65			22,50	
	4,55			8,78			16,36	
	4,76			10,29			17,14	
	5,00						18,00	
Jumlah				443	374		809	518
Vt(km/jam)				13,41	31,19		23,80	25,88
	5,26	6,67		13,33	18,00		18,95	24,00
	5,56	6,25		13,33	24,00		20,00	22,50
	5,56	7,69		15,65	32,73		20,00	27,69
	4,17	7,69		11,61	22,50		15,00	27,69
	7,69	9,09		13,33	18,00		27,69	32,73
	3,45	5,88		11,61	18,00		12,41	21,18
	4,35	7,69		13,33	15,00		15,65	27,69
	6,25	9,09		7,50	36,00		22,50	32,73
	8,33	7,69		16,36	32,73		30,00	27,69
	5,88	7,69		10,59	24,00		21,18	27,69
	5,56	7,14		51,43	27,69		20,00	25,71
	7,69	3,33		4,80			27,69	12,00
	6,25	7,69		5,54			22,50	27,69
	2,13	6,67		5,54			7,66	24,00
	2,00	8,33		5,90			7,20	30,00
	5,88	4,55		4,34			21,18	16,36
	5,88	9,09		5,90			21,18	32,73
	6,25			5,63			22,50	
	5,26			5,54			18,95	
	6,25			5,37			22,50	
	4,00			4,68			14,40	
	8,33			5,29			30,00	
	7,69						27,69	
	6,67						24,00	
	5,26						18,95	
	8,33						30,00	
	5,56						20,00	
	5,26						18,95	
	6,67						24,00	
	4,17						15,00	
	3,33						12,00	
	3,13						11,25	
Jumlah				237	269		641	440
Vt(km/jam)				10,76	24,42		20,03	25,89
	4,35	6,25		5,07	36,00		15,65	22,50
	5,56	5,00		5,54	18,00		20,00	18,00
	4,35	8,33		5,81	21,18		15,65	30,00
	7,14	7,69		3,79	24,00		25,71	27,69
	4,76	7,14		4,93	32,73		17,14	25,71
	3,57	4,55		5,90	27,69		12,86	16,36
	4,35	5,56		5,90	32,73		15,65	20,00

	5,00	5,56		4,24	24,00		18,00	20,00
	5,00	5,56		6,32	21,18		18,00	20,00
	4,00	5,00		5,81	18,95		14,40	18,00
	5,88	5,88		5,45	36,00		21,18	21,18
	4,55	5,26		5,14	30,00		16,36	18,95
	3,70			4,24			13,33	
	10,00			6,10			36,00	
	3,85			6,21			13,85	
	4,55			5,63			16,36	
	1,89			6,10			6,79	
	3,85			5,45			13,85	
	3,33			5,71			12,00	
	4,76			5,45			17,14	
	4,17			6,00			15,00	
	3,13			4,19			11,25	
	4,35			6,21			15,65	
	4,35			5,90			15,65	
	4,76			6,10			17,14	
	5,00			5,54			18,00	
	4,35			5,54			15,65	
	4,55			6,55			16,36	
	12,50			6,79			45,00	
	5,00			6,21			18,00	
	2,56			5,71			9,23	
	5,00						18,00	
	7,14						25,71	
	3,57						12,86	
	3,45						12,41	
	3,23						11,61	
	4,17						15,00	
	3,85						13,85	
Jumlah				174	322		646	258
Vt(km/jam)				5,60	26,87		17,01	21,53
	5,00	6,67		5,90	20,00		18,00	24,00
	7,14	5,56		5,90	18,00		25,71	20,00
	4,00	7,69		6,10	25,71		14,40	27,69
	4,55	7,69		4,39	21,18		16,36	27,69
	4,76	7,14		4,62	32,73		17,14	25,71
	5,00	6,67		4,39	16,36		18,00	24,00
	2,44	7,14		5,63	22,50		8,78	25,71
	2,86	6,25		5,81	22,50		10,29	22,50
	4,17	8,33		6,00	40,00		15,00	30,00
	3,85			5,90	40,00		13,85	
	7,14			4,34	25,71		25,71	
	5,00			5,45			18,00	
	4,76			5,81			17,14	
	3,85			5,07			13,85	
	4,35			5,54			15,65	
	4,55			5,71			16,36	
	4,76			5,22			17,14	
	5,00			5,81			18,00	
	2,94			5,54			10,59	
	6,25			5,37			22,50	

	4,17			5,81			15,00	
	5,26			6,00			18,95	
	4,17			5,81			15,00	
	4,17			5,71			15,00	
	4,55			4,86			16,36	
	4,35			5,22			15,65	
	4,35			5,54			15,65	
	4,35			4,93			15,65	
	4,35			5,45			15,65	
	4,00			6,32			14,40	
	3,85			5,71			13,85	
	3,45			6,00			12,41	
	4,17						15,00	
	4,76						17,14	
	5,88						21,18	
	4,76						17,14	
	5,00						18,00	
	4,35						15,65	
	5,26						18,95	
	5,00						18,00	
	5,88						21,18	
	4,35						15,65	
	4,55						16,36	
	4,35						15,65	
	3,03						10,91	
	4,35						15,65	
	3,33						12,00	
	2,63						9,47	
	2,56						9,23	
	4,17						15,00	
	4,35						15,65	
Jumlah				176	285		814	227
Vt(km/jam)				5,50	25,88		15,96	25,26
	4,55	3,57		5,71	36,00		16,36	12,86
	1,69	4,17		4,00	30,00		6,10	15,00
	7,69	5,26		5,71	30,00		27,69	18,95
	5,00	5,56		5,54	27,69		18,00	20,00
	4,35	7,14		6,00	24,00		15,65	25,71
	6,25	5,88		5,71	21,18		22,50	21,18
	5,56	5,88		6,00	25,71		20,00	21,18
	5,00	8,33		5,71	20,00		18,00	30,00
	4,76			6,00	27,69		17,14	
	5,26			5,63	45,00		18,95	
	4,17			5,29	18,95		15,00	
	3,23			4,86	30,00		11,61	
	2,86			4,34			10,29	
	4,76			5,81			17,14	
	4,55			5,71			16,36	
	6,25			2,83			22,50	
	6,25			2,86			22,50	
	4,76			5,81			17,14	
	4,76			5,63			17,14	
	3,85			5,45			13,85	

	6,67			5,14			24,00	
	4,76			5,22			17,14	
	3,85			5,37			13,85	
	4,35			6,67			15,65	
	4,17			6,21			15,00	
	4,00			5,45			14,40	
	2,56			4,44			9,23	
	11,11			5,29			40,00	
	5,26			5,81			18,95	
	5,00			5,54			18,00	
	8,33			5,71			30,00	
	5,56			5,90			20,00	
	4,17			4,29			15,00	
	3,57			5,14			12,86	
	3,57			5,63			12,86	
	5,00			6,21			18,00	
Jumlah				193	336		639	165
Vt(km/jam)				5,35	28,02		17,75	20,61
	3,85	8,33		5,90	22,50		13,85	30,00
	4,00	6,67		5,90	21,18		14,40	24,00
	4,00	8,33		5,63	24,00		14,40	30,00
	5,00	5,00		5,29	32,73		18,00	18,00
	5,88	8,33		4,29	27,69		21,18	30,00
	4,17	7,69		5,14	27,69		15,00	27,69
	3,85	4,76		6,00	22,50		13,85	17,14
	3,57	7,14		6,00	36,00		12,86	25,71
	6,25	7,14		6,67	32,73		22,50	25,71
	4,76	6,67		5,63	32,73		17,14	24,00
	4,35	10,00		5,71	24,00		15,65	36,00
	1,25	4,17		5,71	22,50		4,50	15,00
	1,22	9,09		5,71	24,00		4,39	32,73
	1,08			4,56			3,87	
	1,32			3,46			4,74	
	1,30			45,00			4,68	
	1,30			60,00			4,68	
	1,30			90,00			4,68	
	1,12			51,43			4,04	
	5,56			180,00			20,00	
	7,69			180,00			27,69	
	5,00			51,43			18,00	
	5,00			120,00			18,00	
	6,25			90,00			22,50	
	4,35			51,43			15,65	
	5,88			120,00			21,18	
	5,26			72,00			18,95	
	2,78			45,00			10,00	
	3,85			60,00			13,85	
	4,00			72,00			14,40	
	5,26						18,95	
	5,88						21,18	
	4,76						17,14	
	4,35						15,65	
	4,76						17,14	

	4,35						15,65	
	4,76						17,14	
	3,57						12,86	
	2,94						10,59	
	5,00						18,00	
	6,67						24,00	
	4,35						15,65	
Jumlah				1370	350		619	336
Vt(km/jam)				45,66	26,94		14,73	25,85
2,94	4,55	8,33		45,00	27,69	10,59	16,36	30,00
	5,26	7,69		72,00	90,00		18,95	27,69
	5,26	7,14		30,00	51,43		18,95	25,71
	5,26	7,69		12,41	32,73		18,95	27,69
	3,85	7,69		120,00	25,71		13,85	27,69
	5,26	8,33		60,00	24,00		18,95	30,00
	14,29	8,33		60,00	24,00		51,43	30,00
	4,35	1,72		45,00	27,69		15,65	6,21
	3,70	9,09		32,73	25,71		13,33	32,73
	10,00	8,33		40,00	40,00		36,00	30,00
	3,70	9,09		27,69			13,33	32,73
	4,55	5,26		72,00			16,36	18,95
	5,88			60,00			21,18	
	4,35			51,43			15,65	
	4,35			27,69			15,65	
	5,00			30,00			18,00	
	5,88			120,00			21,18	
	5,00			36,00			18,00	
	5,88			60,00			21,18	
	4,55			72,00			16,36	
	7,69			72,00			27,69	
	3,85			21,18			13,85	
	3,85			60,00			13,85	
	4,17			45,00			15,00	
	6,67			18,00			24,00	
	4,35			36,00			15,65	
	4,76			60,00			17,14	
	4,00			72,00			14,40	
	5,56			45,00			20,00	
	4,35			8,00			15,65	
	4,00			120,00			14,40	
	6,25			90,00			22,50	
	4,55			51,43			16,36	
	3,13			45,00			11,25	
	3,13			30,00			11,25	
	4,55						16,36	
	4,76						17,14	
	1,82						6,55	
	4,76						17,14	
	5,88						21,18	
	3,85						13,85	
	3,57						12,86	
	4,76						17,14	
	5,88						21,18	

	6,67						24,00	
	7,69						27,69	
Jumlah			1848	369	11	847	319	
Vt(km/jam)			52,79	36,90	10,59	18,42	26,62	
	3,85	8,33	90,00	27,69		13,85	30,00	
	5,88	8,33	60,00	21,18		21,18	30,00	
	5,26	7,14	32,73	18,00		18,95	25,71	
	4,35	4,76	72,00	32,73		15,65	17,14	
	4,55	7,69	51,43	25,71		16,36	27,69	
	4,76	4,76	32,73	25,71		17,14	17,14	
	2,08	7,69	180,00	32,73		7,50	27,69	
	5,88	7,69	72,00	30,00		21,18	27,69	
	1,67	8,33	16,36	40,00		6,00	30,00	
	5,00		10,91	32,73		18,00		
	2,38		10,00	22,50		8,57		
	4,17		9,23	30,00		15,00		
	3,70		40,00			13,33		
	4,17		36,00			15,00		
	4,17		72,00			15,00		
	3,70		51,43			13,33		
	3,23		30,00			11,61		
	4,17		32,73			15,00		
	3,23		36,00			11,61		
	3,23		51,43			11,61		
	4,55		7,20			16,36		
	2,78		7,83			10,00		
	5,56		5,29			20,00		
	4,55		7,50			16,36		
	5,88		6,92			21,18		
	4,55		6,67			16,36		
	3,85		6,10			13,85		
	7,14		5,71			25,71		
	5,26		6,00			18,95		
	4,76		5,22			17,14		
	6,67		6,00			24,00		
	5,56		5,14			20,00		
	5,26		3,71			18,95		
	4,76		5,07			17,14		
	4,17		11,25			15,00		
	4,55					16,36		
	3,57					12,86		
	5,88					21,18		
	9,09					32,73		
Jumlah			1083	339		640	233	
Vt(km/jam)			30,93	28,25		16,41	25,90	
	5,00	7,69	6,67	30,00		18,00	27,69	
	3,33	3,70	5,37	51,43		12,00	13,33	
	3,33	9,09	5,90	45,00		12,00	32,73	
	5,00	6,67	5,90	45,00		18,00	24,00	
	3,85	6,25	6,67	30,00		13,85	22,50	
	6,25	8,33	6,43	40,00		22,50	30,00	
	3,45	5,88	6,32	27,69		12,41	21,18	

	4,55	9,09		6,00	30,00		16,36	32,73
	4,55	8,33		7,66	32,73		16,36	30,00
	4,17	6,25		7,20	27,69		15,00	22,50
	5,26	7,69		6,55			18,95	27,69
	5,56	6,25		6,79			20,00	22,50
	6,25	7,69		6,67			22,50	27,69
	5,00	9,09		6,32			18,00	32,73
	4,55			6,67			16,36	
	5,56			7,06			20,00	
	5,00			6,55			18,00	
	4,76			7,06			17,14	
	4,55			6,00			16,36	
	4,55			6,00			16,36	
	4,00			5,00			14,40	
	7,69			6,10			27,69	
	4,76			6,43			17,14	
	6,25			6,92			22,50	
	5,00			6,55			18,00	
	4,00			5,37			14,40	
	3,85			6,67			13,85	
	3,45			6,67			12,41	
	3,57			6,67			12,86	
	5,00			6,79			18,00	
	4,17			6,32			15,00	
	5,56			7,20			20,00	
	2,50			7,20			9,00	
	3,57			7,35			12,86	
	4,76			7,20			17,14	
	11,11			6,00			40,00	
	4,55			7,20			16,36	
	4,35			5,37			15,65	
	5,56			6,00			20,00	
	3,85			6,43			13,85	
	4,00			7,20			14,40	
	5,56			6,55			20,00	
	2,27			7,35			8,18	
	3,57			7,35			12,86	
				7,20				
				6,55				
				6,21				
Jumlah				308	360		747	367
Vt(km/jam)				6,54	35,95		16,97	26,23
	5,56	5,26		7,20	40,00		20,00	18,95
	5,26	8,33		7,20	40,00		18,95	30,00
	7,14	7,69		7,83	24,00		25,71	27,69
	4,35	9,09		7,06	36,00		15,65	32,73
	3,70	6,25		6,55	40,00		13,33	22,50
	3,45	7,14		6,55	25,71		12,41	25,71
	3,03	7,69		6,79	24,00		10,91	27,69
	3,23	8,33		6,92	36,00		11,61	30,00
	2,86	6,67		7,06	16,36		10,29	24,00
	3,03	5,26		7,20	27,69		10,91	18,95
	6,25	7,69		6,32	32,73		22,50	27,69

	4,76			7,20	25,71		17,14	
	5,88			6,21			21,18	
	5,88			6,92			21,18	
	5,00			7,06			18,00	
	10,00			7,06			36,00	
	3,23			7,20			11,61	
	4,17			6,92			15,00	
	4,76			5,00			17,14	
	5,56			6,43			20,00	
	4,17			7,50			15,00	
	3,85			7,83			13,85	
	4,35			5,90			15,65	
	3,85			7,50			13,85	
	3,70			7,50			13,33	
	3,85			6,21			13,85	
	3,70			6,32			13,33	
	4,55			6,92			16,36	
	6,25			7,20			22,50	
	4,76			7,20			17,14	
	4,55			7,50			16,36	
	5,26			5,22			18,95	
	5,00			7,20			18,00	
	6,67			6,10			24,00	
	6,25			7,06			22,50	
	4,35			6,10			15,65	
	5,00			6,21			18,00	
	4,76			7,35			17,14	
	9,09						32,73	
	5,88						21,18	
	5,26						18,95	
	5,26						18,95	
	12,50						45,00	

Jumlah **259** **368** **792** **286**

Vt(km/jam) **6,83** **30,68** **18,41** **25,99**

	7,69	5,00		6,43	51,43	27,69	18,00
	4,76	7,14		7,83	40,00	17,14	25,71
	3,70	8,33		6,67	22,50	13,33	30,00
	3,45	5,26		6,79	22,50	12,41	18,95
	3,45	4,76		4,93	25,71	12,41	17,14
	4,00	6,67		7,20	30,00	14,40	24,00
	4,17	4,76		6,92	27,69	15,00	17,14
	3,13	5,56		6,10	27,69	11,25	20,00
	4,76	3,70		6,55	24,00	17,14	13,33
	4,76	4,76		7,50	30,00	17,14	17,14
	3,45	6,67		7,20	27,69	12,41	24,00
	3,33	5,26		6,67	18,95	12,00	18,95
	3,45			7,50	20,00	12,41	
	4,17			7,50		15,00	
	6,67			6,00		24,00	
	4,35			6,00		15,65	
	4,55			7,66		16,36	
	4,17			7,50		15,00	
	4,00			7,35		14,40	

	2,86			7,20			10,29	
	2,50			7,06			9,00	
	4,55			5,54			16,36	
	0,90			7,83			3,24	
	5,88			7,20			21,18	
	4,76			6,67			17,14	
	5,00			6,10			18,00	
				6,67				
				7,06				
				7,50				
				7,83				
				7,50				
				7,06				
				6,92				
				6,21				
				5,90				
				5,29				
				6,55				
				6,10				
				6,55				
				6,55				
				7,06				
				6,67				
				6,55				
				6,79				
				7,66				
Jumlah				306	368		390	244
Vt(km/jam)				6,81	28,32		15,01	20,36
	4,17	5,26		25,71	32,73		15,00	18,95
	7,14	5,88		18,95	60,00		25,71	21,18
	7,14	3,03		24,00	36,00		25,71	10,91
	16,67	5,00		18,95	21,18		60,00	18,00
	16,67	3,45		13,85	32,73		60,00	12,41
	14,29	6,67		12,86	25,71		51,43	24,00
	9,09	3,03		10,59	30,00		32,73	10,91
	6,25	2,94		13,85	27,69		22,50	10,59
	5,00	6,25		10,91	17,14		18,00	22,50
	6,67	7,14		36,00	18,00		24,00	25,71
	5,88	6,25		24,00			21,18	22,50
	5,56			27,69			20,00	
	5,56			24,00			20,00	
	11,11			40,00			40,00	
	16,67			22,50			60,00	
	6,25			36,00			22,50	
	6,67						24,00	
	7,69						27,69	
	6,25						22,50	
	7,69						27,69	
	7,14						25,71	
	12,50						45,00	
	5,00						18,00	
	7,69						27,69	
	8,33						30,00	

	7,14					25,71	
	7,69					27,69	
	7,14					25,71	
	7,69					27,69	
	4,55					16,36	
	4,35					15,65	
	6,67					24,00	
	6,67					24,00	
	6,67					24,00	
	7,14					25,71	
	5,26					18,95	
Jumlah			360	301		1023	198
Vt(km/jam)			22,49	30,12		28,40	17,97
	5,88	4,17	36,00	25,71		21,18	15,00
	5,00	5,26	60,00	45,00		18,00	18,95
	4,55	4,76	51,43	32,73		16,36	17,14
	4,55	6,25	36,00	27,69		16,36	22,50
	3,03	4,35	40,00	30,00		10,91	15,65
	7,69	4,76	36,00	27,69		27,69	17,14
	4,55	3,23	32,73	60,00		16,36	11,61
	5,26	2,63	32,73	32,73		18,95	9,47
	6,67	3,85	36,00	20,00		24,00	13,85
	7,69	5,26	22,50	22,50		27,69	18,95
	8,33		24,00	25,71		30,00	
	8,33		22,50			30,00	
	7,14		25,71			25,71	
	8,33		27,69			30,00	
	6,25		27,69			22,50	
	7,14		22,50			25,71	
	6,67		18,95			24,00	
	16,67		30,00			60,00	
	16,67		36,00			60,00	
	14,29		40,00			51,43	
	5,00		22,50			18,00	
	7,69		25,71			27,69	
	8,33		20,00			30,00	
	9,09		15,65			32,73	
	4,17		32,73			15,00	
	5,88		24,00			21,18	
	5,88		22,50			21,18	
	5,56		32,73			20,00	
	20,00		36,00			72,00	
	7,69		30,00			27,69	
	8,33		90,00			30,00	
	5,56					20,00	
	7,14					25,71	
	6,67					24,00	
	6,67					24,00	
	2,44					8,78	
	3,45					12,41	
	3,70					13,33	
	9,09					32,73	
	6,25					22,50	

	4,55					16,36	
	4,55					16,36	
	9,09					32,73	
	6,25					22,50	
	16,67					60,00	
	10,00					36,00	
	7,14					25,71	
	8,33					30,00	
	6,25					22,50	
	10,00					36,00	
	8,33					30,00	
	16,67					60,00	
Jumlah			1010	350		1444	160
Vt(km/jam)			32,59	31,80		27,77	16,03
	10,00	2,78	22,50	27,69		36,00	10,00
	10,00	3,13	12,86	60,00		36,00	11,25
	4,55	3,03	12,86	32,73		16,36	10,91
	6,25	3,33	12,41	27,69		22,50	12,00
	8,33	3,13	12,00	32,73		30,00	11,25
	7,69	3,33	12,86	36,00		27,69	12,00
	6,67	3,57	13,33	32,73		24,00	12,86
	5,56	3,03	14,40	24,00		20,00	10,91
	5,88	3,85	11,25	40,00		21,18	13,85
	6,67	3,57	13,33	30,00		24,00	12,86
	6,67	3,23	12,41			24,00	11,61
	7,14	3,45	12,86			25,71	12,41
	8,33	3,03	12,86			30,00	10,91
	2,56		16,36			9,23	
	3,23		13,33			11,61	
	6,25		12,41			22,50	
	8,33		12,00			30,00	
	5,88		11,61			21,18	
	11,11		10,59			40,00	
	8,33		13,33			30,00	
	7,14		12,86			25,71	
	7,69		13,85			27,69	
	6,25					22,50	
	6,25					22,50	
	8,33					30,00	
	7,14					25,71	
	6,67					24,00	
	12,50					45,00	
	20,00					72,00	
	11,11					40,00	
	7,69					27,69	
	8,33					30,00	
	8,33					30,00	
	9,09					32,73	
	16,67					60,00	
	2,33					8,37	
	2,08					7,50	
	3,57					12,86	
	9,09					32,73	

Jumlah			292	344	1079	153
Vt(km/jam)			13,29	34,36	27,67	11,75
	8,33	3,45	12,00	40,00	30,00	12,41
	7,69	3,33	11,61	32,73	27,69	12,00
	4,35	3,70	10,91	40,00	15,65	13,33
	5,88	3,23	12,41	25,71	21,18	11,61
	5,00	2,27	12,00	24,00	18,00	8,18
	9,09	2,22	11,25	51,43	32,73	8,00
	8,33	3,23	12,00	25,71	30,00	11,61
	5,26	3,45	11,61	36,00	18,95	12,41
	9,09	4,17	10,91	22,50	32,73	15,00
	12,50	3,57	11,25	13,85	45,00	12,86
	6,25	3,23	10,59	15,00	22,50	11,61
	6,25		11,61		22,50	
	12,50		11,61		45,00	
	9,09		12,86		32,73	
	7,14		12,00		25,71	
	6,67		11,25		24,00	
	10,00		11,61		36,00	
	5,88		12,41		21,18	
	2,00		10,91		7,20	
	2,13		11,25		7,66	
	5,88		11,25		21,18	
	10,00		10,59		36,00	
	9,09		11,61		32,73	
	3,85		13,33		13,85	
	5,88		12,86		21,18	
	5,88				21,18	
Jumlah			292	327	663	129
Vt(km/jam)			11,67	29,72	25,48	11,73
	5,56	4,00	13,33	45,00	20,00	14,40
	12,50	3,57	18,00	30,00	45,00	12,86
	5,88	7,14	22,50	30,00	21,18	25,71
	6,67	4,35	25,71	30,00	24,00	15,65
	6,25	3,57	21,18	30,00	22,50	12,86
	4,76	2,86	30,00	30,00	17,14	10,29
	6,25	2,70	36,00	30,00	22,50	9,73
	5,26	3,57	18,00	36,00	18,95	12,86
	5,88	3,13	27,69	30,00	21,18	11,25
	10,00	3,33	36,00	21,18	36,00	12,00
	16,67	3,57	120,00		60,00	12,86
	6,25	3,03	32,73		22,50	10,91
	11,11	3,13	24,00		40,00	11,25
	8,33	3,23	30,00		30,00	11,61
	7,14				25,71	
	6,25				22,50	
	8,33				30,00	
	5,56				20,00	
	6,67				24,00	
	4,00				14,40	
	7,69				27,69	
	7,69				27,69	

	9,09					32,73	
	7,14					25,71	
	5,26					18,95	
	4,55					16,36	
	6,25					22,50	
	5,00					18,00	
	5,26					18,95	
	5,56					20,00	
	5,88					21,18	
	5,26					18,95	
	8,33					30,00	
	6,25					22,50	
	6,67					24,00	
	5,56					20,00	
	7,69					27,69	
	7,14					25,71	
	7,14					25,71	
Jumlah			455	312		982	184
Vt(km/jam)			32,51	31,22		25,18	13,16
	14,29	3,70	40,00	25,71		51,43	13,33
	9,09	3,23	30,00	20,00		32,73	11,61
	2,00	2,94	25,71	20,00		7,20	10,59
	5,26	3,23	60,00	22,50		18,95	11,61
	4,55	2,38	24,00	11,25		16,36	8,57
	7,14	2,50	10,91	21,18		25,71	9,00
	5,26	3,85	11,25	21,18		18,95	13,85
	5,26	3,45	12,86	18,95		18,95	12,41
	5,56	3,57	11,25	45,00		20,00	12,86
	5,56	2,44	10,29	30,00		20,00	8,78
	7,14	3,45	45,00	21,18		25,71	12,41
	4,35	3,57	21,18	16,36		15,65	12,86
	8,33		10,29			30,00	
	9,09		13,85			32,73	
	7,69		11,25			27,69	
	7,69		12,00			27,69	
	7,14		12,00			25,71	
	5,56					20,00	
	5,00					18,00	
	10,00					36,00	
	7,69					27,69	
	7,69					27,69	
	8,33					30,00	
	6,25					22,50	
	9,09					32,73	
	6,67					24,00	
Jumlah			362	273		654	138
Vt(km/jam)			21,28	22,78		25,16	11,49
	10,00	4,55	11,61	36,00		36,00	16,36
	7,69	3,45	10,59	22,50		27,69	12,41
	8,33	4,17	10,59	17,14		30,00	15,00
	9,09	3,57	11,61	32,73		32,73	12,86
	6,67	5,88	10,91	14,40		24,00	21,18

	8,33	3,13		10,91	60,00		30,00	11,25
	5,26	2,63		13,85	120,00		18,95	9,47
	4,76	3,13		10,00	27,69		17,14	11,25
	6,67			12,86	25,71		24,00	
	5,56			11,61	21,18		20,00	
	9,09			12,00	15,65		32,73	
	10,00			10,59			36,00	
	9,09			11,61			32,73	
	8,33			8,18			30,00	
	9,09						32,73	
	5,26						18,95	
	7,69						27,69	
	10,00						36,00	
	4,35						15,65	
	6,25						22,50	
	4,76						17,14	
	16,67						60,00	
	7,14						25,71	
	25,00						90,00	
	9,09						32,73	
	6,25						22,50	
	10,00						36,00	
	5,88						21,18	
	6,25						22,50	
	7,14						25,71	
	5,56						20,00	
	4,35						15,65	
	3,45						12,41	
Jumlah				157	393		947	110
Vt(km/jam)				11,21	35,73		28,70	13,72
	5,88	2,78		9,23	40,00		21,18	10,00
	5,00	3,23		10,59	25,71		18,00	11,61
	5,88	3,03		10,59	24,00		21,18	10,91
	5,88	3,45		12,41	12,86		21,18	12,41
	6,25	3,23		12,41	25,71		22,50	11,61
	5,56	3,57		10,59	22,50		20,00	12,86
	4,55	2,86		12,86	25,71		16,36	10,29
	6,67	2,70		11,25	24,00		24,00	9,73
	7,14	3,13		9,47	32,73		25,71	11,25
	7,69			12,86			27,69	
	2,78			10,59			10,00	
	4,76			12,00			17,14	
	3,57			13,85			12,86	
	4,76			40,00			17,14	
	7,69			12,00			27,69	
	6,67						24,00	
	6,25						22,50	
	5,88						21,18	
	6,67						24,00	
	5,00						18,00	
	6,67						24,00	
	5,88						21,18	
	5,88						21,18	

	5,26					18,95	
	6,67					24,00	
	7,69					27,69	
	7,69					27,69	
	8,33					30,00	
	5,56					20,00	
	7,69					27,69	
	4,55					16,36	
	11,11					40,00	
	5,26					18,95	
	5,88					21,18	
	5,00					18,00	
	4,76					17,14	
	4,35					15,65	
	6,67					24,00	
	5,88					21,18	
	6,67					24,00	
	5,88					21,18	
	6,25					22,50	
	7,14					25,71	
	7,14					25,71	
	9,09					32,73	
	9,09					32,73	
	4,76					17,14	
Jumlah			201	233		1049	101
Vt(km/jam)			13,38	25,91		22,32	11,19